

LEXANTM COPOLYMER XHT4143

REGION ASIA

DESCRIPTION

XHT4143 is a high flow, UV stabilized, high heat polycarbonate copolymer blend with an HDT/Af of 162C. It is available in a range of opaque and limited transparent colors.

TYPICAL PROPERTY VALUES

Revision 20230607

PROFERTIES TYPICAL VAILUES UNITS TEST METHODS MECHANICAL. ¹⁰ TEST METHODS VINTED ASTM DG38 Tersile Stress, Jul. Type I, 50 mm/min 79 Ma ASTM DG38 Tersile Stress, Jul. Type I, 50 mm/min 9 % ASTM DG38 Tersile Strain, Jul. Type I, 50 mm/min 90 % ASTM DG38 Tersile Strain, Jul. Type I, 50 mm/min 2730 MPa ASTM DG38 Flexial Stress, Jul. 1, 3 mm/min, 50 mm span 120 MPa ASTM DG90 Flexial Stress, Jul. 5, 3 mm/min 67 MPa ASTM DG90 Tersile Stress, Jul. 5, 50 mm/min 67 MPa SO 527 Tersile Stress, Jul. 5, 50 mm/min 7 % SO 527 Tersile Stress, Jul. 5, 50 mm/min 67 MPa SO 527 Tersile Strain, Dreak, 50 mm/min 7 % SO 527 Tersile Strain, Jul. 5, 50 mm/min 60 % SO 527 Tersile Strain, Jul. 5, 50 mm/min 7 % MPa SO 527 Tersile Strain, Jul. 5, 50 mm/min 80 MPa				
Tensile Stress, lyft, Type I, 50 mm/min 77 MPa ASIM DoS8 Tensile Stress, lyft, Type I, 50 mm/min 7 8 ASIM DoS8 Tensile Strain, lyft, Type I, 50 mm/min 50 8 ASIM DoS8 Tensile Strain, lyft, Type I, 50 mm/min 20 MPa ASIM DoS8 Tensile Strain, lyft, Type I, 50 mm/min 200 MPa ASIM DOS8 Hexural Stress, Yld, 13 mm/min, 50 mm span 200 MPa ASIM DOT9 Tensile Stress, Ireak, 50 mm/min 78 MPa OS 527 Tensile Stress, Ireak, 50 mm/min 7 S OS 527 Tensile Strain, Iyekd, 50 mm/min 7 S OS 527 Tensile Strain, Iyekd, 50 mm/min 7 S OS 527 Tensile Strain, Lyeak, 50 mm/min 7 S OS 527 Tensile Strain, Lyeak, 50 mm/min 7 WPa OS 527 Tensile Strain, Lyeak, 50 mm/min 7 S OS 527 Tensile Strain, Lyeak, 50 mm/min 7 WPa D OS 727 Tensile Strain, Lyeak, 50 mm/min S OS 527	PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Tensile Stress, brk, Type I, 50 mm/min 69 MPa ASTM D638 Tensile Strain, Jrk, Type I, 50 mm/min 7 % ASTM D638 Tensile Modulus, 5 mm/min 2730 MPa ASTM D638 Flexural Stress, yld, 1.3 mm/min, 50 mm span 120 MPa ASTM D790 Flexural Modulus, 1.3 mm/min, 50 mm span 260 MPa ASTM D790 Tensile Stress, yled, 50 mm/min 67 MPa S05 27 Tensile Stress, break, 50 mm/min 7 \$ 50 527 Tensile Stress, break, 50 mm/min 7 \$ 50 527 Tensile Stress, break, 50 mm/min 7 \$ 50 527 Tensile Stress, break, 50 mm/min 60 MPa 50 527 Tensile Stress, break, 50 mm/min 7 \$ \$ 50 527 Tensile Stress, break, 50 mm/min 80 \$ 50 527 Tensile Stress, break, 50 mm/min 80 \$ 50 527 Tensile Stress, break, 50 mm/min 80 \$ 50 527 Tensile Stress, break, 50 mm/min \$ 50 527	MECHANICAL (1)			
Torsile Strain, yid. Type I, 50 mm/min 7 \$ ASTM D638 Tensile Strain, brk. Type I, 50 mm/min 50 % ASTM D638 Tensile Strain, brk. Type I, 50 mm/min 2730 MPa ASTM D638 Tensile Stress, yid. 1.3 mm/min, 50 mm span 2600 MPa ASTM D790 Flexural Modulus, 1.3 mm/min, 50 mm span 2600 MPa ASTM D790 Tensile Stress, yield, 50 mm/min 7 MPa S0 527 Tensile Stress, Deak, 50 mm/min 50 % S0 527 Tensile Strain, break, 50 mm/min 50 % S0 527 Tensile Strain, break, 50 mm/min 60 % S0 527 Tensile Strain, break, 50 mm/min 80 MPa S0 527 Tensile Strain, break, 50 mm/min 9 MPa S0 527 Tensile Strain, break, 50 mm/min 80 MPa S0 527 Tensile Strain, break, 50 mm/min 9 MPa S0 178 Tensile Strain, break, 50 mm/min 80 MPa S0 178 Tensile Strain, break, 50 mm/min 80 S0 527	Tensile Stress, yld, Type I, 50 mm/min	77	MPa	ASTM D638
Tensile Strain, br.k. Type I, 50 mm/min 50 % ASTM D658 Tensile Modulus, 5 mm/min 2730 MPa ASTM D638 Elexural Modulus, 5 mm/min, 50 mm span 2600 MPa ASTM D790 Elexural Modulus, 1 mm/min, 50 mm span 2600 MPa 0.527 Tensile Stress, Lyeld, 50 mm/min 67 MPa 0.527 Tensile Stress, Deak, 50 mm/min 50 % 0.527 Tensile Stress, Deak, 50 mm/min 60 % 0.527 Tensile Stress, Deak, 50 mm/min 50 % 0.527 Tensile Stress, Jedd, 2 mm/min 60 % 0.527 Elexual Modulus, 1 mm/min 60 MPa 0.527 Elexual Modulus, 1 mm/min 80 MPa 0.527 Elexual Modulus, 1 mm/min 90 MPa 0.527 Elexual Modulus, 1 mm/min 80 MPa 0.517 Elexual Modulus, 1 mm/min 80 MPa 0.517 Elexual Modulus, 1 mm/min 80 MPa 0.517 Elexual Modulus, 1 mm/min 80	Tensile Stress, brk, Type I, 50 mm/min	69	MPa	ASTM D638
Tensile Modulus, 5 mm/min 2730 MPa ASTM D638 Flexural Stress, yld, 1.3 mm/min, 50 mm span 120 MPa ASTM D790 Flexural Modulus, 1.3 mm/min, 50 mm span 2600 MPa ASTM D790 Tensile Stress, yled, 50 mm/min 67 MPa 150 527 Tensile Stress, break, 50 mm/min 7 % 150 527 Tensile Strain, break, 50 mm/min 50 % 150 527 Tensile Strain, break, 50 mm/min 7 % 150 527 Tensile Strain, break, 50 mm/min 7 % 150 527 Tensile Strain, break, 50 mm/min 80 MPa 150 527 Tensile Modulus, 1 mm/min 80 MPa 150 178 Tensile Strain, break, 50 mm/min 80 MPa 150 178 Tensile Strain, break, 50 mm/min 80 MPa 150 178 Tensile Strain, break, 50 mm/min 80 MPa 150 178 Tensile Strain, break, 50 mm/min 80 150 178 150 178 Tensile Strain, break 50 mm/min 80 150 178 150 178 <t< td=""><td>Tensile Strain, yld, Type I, 50 mm/min</td><td>7</td><td>%</td><td>ASTM D638</td></t<>	Tensile Strain, yld, Type I, 50 mm/min	7	%	ASTM D638
Elexaral Stress, yield, 1.3 mm/min, 50 mm span 260 MPa ASTM D790 Tensile Stress, yield, 50 mm/min 78 MPa SO 527 Tensile Stress, yield, 50 mm/min 78 MPa SO 527 Tensile Stress, bried, 50 mm/min 7 MPa SO 527 Tensile Strain, yield, 50 mm/min 7 % SO 527 Tensile Strain, break, 50 mm/min 2750 MPa SO 527 Tensile Modulus, 1 mm/min 2750 MPa SO 527 Flexural Modulus, 2 mm/min 600 MPa SO 178 Flexural Modulus, 2 mm/min 600 MPa SO 178 Flexural Modulus, 2 mm/min 600 MPa SO 178 Elexural Modulus, 2 mm/min 9 J/m ASTM D256 Izod Impact, unotched, 23°C 9 J/m ASTM D256 Izod Impact, unotched, 23°C 8 J/m² ASTM D256 Izod Impact, unotched 80°10°3 + 22°C 8 J/m² SO 180/14 Izod Impact, unotched 80°10°3 + 22°C 8 J/m² SO 199/14 Charpy 23°C	Tensile Strain, brk, Type I, 50 mm/min	50	%	ASTM D638
Flexural Modulus, 1.3 mm/min, 50 mm span 2600 MPa ASTM D790 Tensile Stress, yield, 50 mm/min 78 MPa 150 527 Tensile Stress, break, 50 mm/min 67 MPa 150 527 Tensile Strain, break, 50 mm/min 50 50 527 Tensile Strain, break, 50 mm/min 2750 MPa 50 527 Flexural Stress, yield, 2 mm/min 80 MPa 50 178 Flexural Modulus, 2 mm/min 80 MPa 50 178 Flexural Modulus, 2 mm/min 80 MPa 50 178 Elevaral Modulus, 2 mm/min 80 MPa 50 178 Internation Modulus, 2 mm/min 80 MPa 50 178 Elevaral Modulus, 2 mm/min 80 MPa 50 178 Internation Modulus, 2 mm/min 9 10 MPa 50 178 Elevaral Modulus, 2 mm/min 9 10 MPa ASTM D256 Internation Modulus, 2 mm/min 9 10 Mpa ASTM D256 Internation Modulus, 2 mm/min 10 10 Mpa ASTM D256	Tensile Modulus, 5 mm/min	2730	MPa	ASTM D638
Tensile Stress, yield, 50 mm/min 78 MPa SO 527 Tensile Strain, yield, 50 mm/min 7 % SO 527 Tensile Strain, yield, 50 mm/min 7 % SO 527 Tensile Strain, yield, 50 mm/min 2750 % SO 527 Tensile Modulus, 1 mm/min 2750 MPa SO 527 Flexural Stress, yield, 2 mm/min 80 MPa SO 178 Flexural Modulus, 2 mm/min 80 MPa SO 178 Flexural Modulus, 2 mm/min 80 MPa SO 178 Impact, 10 2 mm/min MPa SO 178 Impact, 10 3 mm/min ASTM D256 SO 178 Impact, 10 4 Jm ASTM D256 ASTM D256 Ized Impact, 10 motched, 30°C 72 Jm ASTM D256 ASTM D256 Ized Impact, 10 motched 80°10°3 +23°C NB Id/m² SO 180/10 MI Ized Impact, 10 motched 80°10°3 +23°C 8 Id/m² SO 180/10 MI Ized Impact, 10 motched 80°10°3 +23°C 8 Id/m² SO 180/10 <	Flexural Stress, yld, 1.3 mm/min, 50 mm span	120	MPa	ASTM D790
Tensile Stress, break, 50 mm/min 67 MPa ISO 527 Tensile Strain, yield, 50 mm/min 7 8 ISO 527 Tensile Strain, break, 50 mm/min 50 % ISO 527 Tensile Modulus, 1 mm/min 50 %Pa ISO 527 Tensile Modulus, 2 mm/min 80 MPa ISO 178 Flexural Modulus, 2 mm/min 80 MPa ISO 178 Flexural Modulus, 2 mm/min 80 MPa ISO 178 Import Modulus, 2 mm/min 80 MPa ASTM D256 Izo Impact, unotched, 23°C NB MI/m	Flexural Modulus, 1.3 mm/min, 50 mm span	2600	MPa	ASTM D790
Tensile Strain, yield, 50 mm/min 7 % ISO 527 Tensile Strain, break, 50 mm/min 50 % ISO 527 Tensile Modulus, 1 mm/min 2750 MPa ISO 527 Flexural Stress, yield, 2 mm/min 80 MPa ISO 178 Flexural Modulus, 2 mm/min 2600 MPa ISO 178 IMPACT ⁽¹⁾ Um ASTM 0256 Izod Impact, notched, 23°C 76 J/m ASTM 0256 Izod Impact, notched 80°10°3 +23°C 72 J/m ASTM 03763 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Impact, notched 80°10°3 +23°C NB J/m² ISO 180/10 Izod Imp	Tensile Stress, yield, 50 mm/min	78	MPa	ISO 527
Tensile Strain, break, 50 mm/min 50 % ISO 527 Tensile Modulus, 1 mm/min 2750 MPa ISO 527 Flexural Stress, yield, 2 mm/min 80 MPa ISO 178 Flexural Modulus, 2 mm/min 2600 MPa ISO 178 IMPACT ⁽¹⁾ V V V Impact, notched, 23°C 93 J/m ASTM D256 Izod Impact, notched, 30°C 76 J/m ASTM D256 Izod Impact, unnotched 80°10°3 +23°C 72 J/m ASTM D3763 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 180/11 Izod Impact, unnotched 80°10°3 +23°C NB J/m² ISO 190/11	Tensile Stress, break, 50 mm/min	67	MPa	ISO 527
Tensile Modulus, 1 mm/min 2750 MPa ISO 527 Flexural Stress, yield, 2 mm/min 80 MPa ISO 178 IMPACT ⁽¹⁾ ISO 178 IMPACT ISO 178 IMPACT ISO 178 IMPACT ISO 179 IMPACT ISO 179	Tensile Strain, yield, 50 mm/min	7	%	ISO 527
Flexural Stress, yield, 2 mm/min 80 MPa 50 178 Flexural Modulus, 2 mm/min 2600 MPa 50 178 IMPACT (**) IMPACT (**) Izod Impact, notched, 23°C 93 J/m ASTM D256 Izod Impact, notched, 30°C 76 J/m ASTM D3763 Izod Impact, unnotched 80°10°3 +23°C NB J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C NB J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C NB J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C 10 J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C 8 J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C 8 J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C 8 J/m² S0 180/1U Izod Impact, notched 80°10°3 +23°C 8 J/m² S0 180/1U Izod Impact, notched 80°10°3 spe 62mm 9 J/m² S0 179/1EQ Charpy 30°C, V-notch Edgew 80°10°3 spe 62mm NB J/m² S0 179/1EQ	Tensile Strain, break, 50 mm/min	50	%	ISO 527
Flexural Modulus, 2 mm/min 2600 MPa ISO 178 IMPACT (¹) ASTM D256 IMPACT (¹) I	Tensile Modulus, 1 mm/min	2750	MPa	ISO 527
IMPACT (¹) Izod Impact, notched, 23°C 93 J/m ASTM D256 Izod Impact, notched, 30°C 76 J/m ASTM D256 Instrumented Dart Impact Total Energy, 23°C 72 J ASTM D3763 Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 +23°C 8 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 +23°C 8 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 -23°C 8 kJ/m² ISO 179/1eA Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Charpy 30°C, Unnotch Edgew 80°10°3 sp=62mm 183 C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 C ASTM D648 </td <td>Flexural Stress, yield, 2 mm/min</td> <td>80</td> <td>MPa</td> <td>ISO 178</td>	Flexural Stress, yield, 2 mm/min	80	MPa	ISO 178
Izod Impact, notched, 23°C 93 J/m ASTM D256 Izod Impact, notched, 30°C 76 J/m ASTM D256 Instrumented Dart Impact Total Energy, 23°C 72 J ASTM D3763 Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 +23°C 8 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 +23°C 8 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 sp=62mm 11 kJ/m² ISO 180/1A Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 9 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² SO 179/1eU Charpy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ASTM D152 THERMAL ⁽¹⁾ Y ASTM D648 HDT, 0.45 MPa, 3.2 mm, unannealed 174	Flexural Modulus, 2 mm/min	2600	MPa	ISO 178
Ixod Impact, notched, -30°C 76 J/m ASTM D256 Instrumented Dart Impact Total Energy, 23°C 72 J ASTM D3763 Ixod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Ixod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Ixod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Ixod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Ixod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Ixod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Ixod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Chary 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Chary 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Chary 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Chary 23°C, Unnotch Edgew 80°10°3 sp=62mm NB R KJ/m² SO 179/1eA Chary 30°C, Unnotch Edgew 80°10°3 sp=62mm 183 ° C ASTM D618	IMPACT (1)			
Instrumented Dart Impact Total Energy, 23°C 72 ASTM D3763 Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, unnotched 80°10°3 -30°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 -30°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Chary 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charyy 23°C, V-notch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Charyy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charyy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charyy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charyy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charyy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB R C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2 mm, unannealed 6.E-05 1/°C ASTM EB31	Izod Impact, notched, 23°C	93	J/m	ASTM D256
Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, unnotched 80°10°3 +23°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 +23°C 8 kJ/m² ISO 180/1A Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Chary -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Chary -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Chary -30°C, Unnotch Edgew 80°10°3 sp=62mm NB c ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C AST	Izod Impact, notched, -30°C	76	J/m	ASTM D256
Izod Impact, unnotched 80°10°3 -30°C NB kJ/m² ISO 180/1U Izod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 -23°C 8 kJ/m² ISO 180/1A Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm 9 kJ/m² ISO 179/1eU Charpy 30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL (¹) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2 mm, unannealed 6E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6E-05 1/°C SO 11359-2	Instrumented Dart Impact Total Energy, 23°C	72	J	ASTM D3763
Izod Impact, notched 80°10°3 +23°C 10 kJ/m² ISO 180/1A Izod Impact, notched 80°10°3 -30°C 8 kJ/m² ISO 180/1A Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy -30°C, V-notch Edgew 80°10°3 sp=62mm 9 kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL (¹) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	Izod Impact, unnotched 80*10*3 +23°C	NB	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*3 -30°C 8 KJ/m² ISO 180/1A Charpy 23°C, V-notch Edgew 80*10*3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy -30°C, V-notch Edgew 80*10*3 sp=62mm 9 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80*10*3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80*10*3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL (¹) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831	Izod Impact, unnotched 80*10*3 -30°C	NB	kJ/m²	ISO 180/1U
Charpy 23°C, V-notch Edgew 80°10°3 sp=62mm 11 kJ/m² ISO 179/1eA Charpy 30°C, V-notch Edgew 80°10°3 sp=62mm 9 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL ⁽¹⁾ Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831	Izod Impact, notched 80*10*3 +23°C	10	kJ/m²	ISO 180/1A
Charpy -30°C, V-notch Edgew 80*10*3 sp=62mm 9 kJ/m² ISO 179/1eA Charpy 23°C, Unnotch Edgew 80*10*3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80*10*3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL (1) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2 mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ISO 11359-2	Izod Impact, notched 80*10*3 -30°C	8	kJ/m²	ISO 180/1A
Charpy 23°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU Charpy -30°C, Unnotch Edgew 80°10°3 sp=62mm NB kJ/m² ISO 179/1eU THERMAL (¹) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	Charpy 23°C, V-notch Edgew 80*10*3 sp=62mm	11	kJ/m²	ISO 179/1eA
Charpy -30°C, Unnotch Edgew 80*10*3 sp=62mm NB kI/m² ISO 179/1eU THERMAL ⁽¹⁾ Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	Charpy -30°C, V-notch Edgew 80*10*3 sp=62mm	9	kJ/m²	ISO 179/1eA
THERMAL (1) Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2 mm, unannealed 6.60 °C ASTM D648 CTE, -40°C to 40°C, flow 6.605 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.605 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.605 1/°C ISO 11359-2	Charpy 23°C, Unnotch Edgew 80*10*3 sp=62mm	NB	kJ/m²	ISO 179/1eU
Vicat Softening Temp, Rate B/50 183 °C ASTM D1525 HDT, 0.45 MPa, 3.2 mm, unannealed 174 °C ASTM D648 HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.6.05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.6.05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.6.05 1/°C ISO 11359-2	Charpy -30°C, Unnotch Edgew 80*10*3 sp=62mm	NB	kJ/m²	ISO 179/1eU
HDT, 0.45 MPa, 3.2 mm, unannealed HDT, 1.82 MPa, 3.2 mm, unannealed HDT, 1.82 MPa, 3.2 mm, unannealed 165 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM D648 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ISO 11359-2	THERMAL (1)			
HDT, 1.82 MPa, 3.2mm, unannealed 165 °C ASTM D648 CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	Vicat Softening Temp, Rate B/50	183	°C	ASTM D1525
CTE, -40°C to 40°C, flow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	HDT, 0.45 MPa, 3.2 mm, unannealed	174	°C	ASTM D648
CTE, -40°C to 40°C, xflow 6.E-05 1/°C ASTM E831 CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	HDT, 1.82 MPa, 3.2mm, unannealed	165	°C	ASTM D648
CTE, -40°C to 40°C, flow 6.E-05 1/°C ISO 11359-2	CTE, -40°C to 40°C, flow	6.E-05	1/°C	ASTM E831
•	CTE, -40°C to 40°C, xflow	6.E-05	1/°C	ASTM E831
CTE, -40°C to 40°C, xflow 6.E-05 1/°C ISO 11359-2	CTE, -40°C to 40°C, flow	6.E-05	1/°C	ISO 11359-2
	CTE, -40°C to 40°C, xflow	6.E-05	1/°C	ISO 11359-2



In Pressure Test, 165*C+/-2*C				
183 C	PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
ficat Softening Temp, Rate B/120 181 °C ISO 306 IOT/BIS LOS MINE Flatw 80°10°4 sp=64mm 173 °C ISO 75/BI IOT/BIS LOS MINE Flatw 80°10°4 sp=64mm 162 °C ISO 75/BI Icelative Temp Index, Bech w/Impact ⁽¹⁾ 130 °C UL 746B Icelative Temp Index, Mech w/Impact ⁽¹⁾ 130 °C UL 746B Icelative Temp Index, Mech w/Impact ⁽¹⁾ 130 °C UL 746B Icelative Temp Index, Mech w/Impact ⁽¹⁾ 130 °C UL 746B Icelative Temp Index, Mech w/Impact ⁽¹⁾ 130 °C UL 746B Icelative Temp Index, Mech w/Impact ⁽¹⁾ 130 °C ASTM D792 Icelative Temp Index, Mech w/Impact ⁽¹⁾ 12 C ASTM D792 Icelative Temp Index, Mech w/Impact ⁽¹⁾ 12 C ASTM D792 Icelative Temp Index, Mech w/Impact ⁽¹⁾ 12 C ASTM D792 Icelative Temp Index (Mech w/Impact ⁽¹⁾ 12 C ASTM D792 Icelative Temp Index (Mech w/Impact ⁽¹⁾ 12 C C Icelative Temp Index (Me	Ball Pressure Test, 165°C +/- 2°C	PASSES	-	IEC 60695-10-2
173 173	Vicat Softening Temp, Rate B/50	183	°C	ISO 306
IDT/AI, 1.8 MPa Flativ 80*10*4 sp-64mm 162 "C ISO 75/AI Leletive Temp Index, Elect. (1) 150 "C UL 7468 Leletive Temp Index, Mech w/ Jimpact. (2) 130 "C UL 7468 Leletive Temp Index, Mech w/ Jimpact. (2) 150 "C UL 7468 Leletive Temp Index, Mech w/ Jimpact. (2) 150 "C UL 7468 Leletive Temp Index, Mech w/ Jimpact. (2) 120 "S ASIM D792 Leletive Temp Index, Mech w/ Jimpact. (2) 120 9 ASIM D792 Leletive Temp Index, Mech w/ Jimpact. (2) 160 6-0.95 \$ ASIM D792 Leletic Temp Index, Mech w/ Jimpact. (2) 12 9 Jimpact. (2) ASIM D792 Leletic Mech Relation (R2°C) 16kg 23 3 9 10 20 20 Leletic Mech Work at 330°C/2.16kg 24 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 <th>Vicat Softening Temp, Rate B/120</th> <th>181</th> <th>°C</th> <th>ISO 306</th>	Vicat Softening Temp, Rate B/120	181	°C	ISO 306
seletive Temp Index, Beeck Mylimpact (2) 150 "C U. 7468 seletive Temp Index, Mech Wylimpact (2) 120 "C U. 7468 seletive Temp Index, Mech Wylimpact (2) 150 "C U. 7468 seletive Temp Index, Mech Wylimpact (2) 12 "C ASTM D792 sold Shrinkage, flow, 3.2 mm (2) 6.6 - 0.95 \$ John (2) SAFM Exception (2.00 ASTM D1238 sheek Flow Rate, 330°C/2.16 kg 2.5 g/10 min ASTM D1238 ASTM D1238 veriest Absorption (23°C/saturated) 0.3 3 60 62-1 60 62-1 dobts tre Absorption (23°C/saturated) 0.25 \$ More (2) 8 Code 60 62-1 dobt Work Absorption (23°C/saturated) 0.2 \$ More (2) 10 (2	HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	173	°C	ISO 75/Bf
cleative Temp Index, Mech w/Impact (2) 130 °C U. 7468 Cleative Temp Index, Mech w/o impact (2) 150 °C U. 7468 WHYSICAL (1)*** Freeding Gravity 1.2	HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	162	°C	ISO 75/Af
Relative Temp Index, Mech w/o impact. (In Procession P	Relative Temp Index, Elec (2)	150	°C	UL 746B
#### #### ### ### ### ### ### ### ###		130	°C	UL 746B
	Relative Temp Index, Mech w/o impact (2)	150	°C	UL 746B
And Is frinkage, flow, 3.2 mm (3) 0.6 - 0.95 % SABIC method And Flow Rate, 330°C/2.16 kgf 25 g/10 min ASTM D1238 Joersity 1.21 g/m³ IS0 1183 And Stopption, (23°C/ saturated) 0.33 % ISO 62-1 And Stopption (23°C/ 50% RH) 0.25 % 150 62 Alet Volume Rate, MVR at 330°C/2.16 kg 24 cm³/J 0 min ISO 1133 LECTRICAL (1) W PLC Code UL 746A Obe-Wire Ignition (HWI), PLC 3 3 Mm UL 746A Bigh Amp Arc Ignition (HWI), PLC 3 1.5 mm UL 746A UL Vellow Card Link E207780-100321031 - - Like Copylized, 94HB Flame Class Rating 8.75 mm UL 94 Like Wire Flammability Index, 3.0 mm 96 C EC 60695-2-13 Like Wire Flammability Index, 3.0 mm 96 C EC 60695-2-13 Driving Time 4 - 6 Hs Hs Astartion Moltune 9 C EC 60695-2-13 Driving Time Flammability	PHYSICAL (1)			
	Specific Gravity	1.2	-	ASTM D792
	Mold Shrinkage, flow, 3.2 mm ⁽³⁾	0.6 – 0.95	%	SABIC method
Nater Absorption (23°C / saturated) 0.33 8 150 62-1 Noisture Absorption (23°C / 50% RH) 0.25 8 150 62 Noisture Absorption (23°C / 50% RH) 0.25 8 150 62 Noisture Absorption (23°C / 216kg 24 24 25 25 25 Note Wire Indian (Mark (MI) (PLC) 3 25 25 25 25 Note Wire Ignition (HAI), PLC 3 1.5 25 25 25 Note Wire Ignition (HAI), PLC 3 1.5 25 25 25 Note Wire Ignition (HAI), PLC 3 1.5 25 25 25 Note Card Link 1.5 25 25 N	Melt Flow Rate, 330°C/2.16 kgf	25	g/10 min	ASTM D1238
Abisture Absorption (23°C / 50% RH) 0.25 % ISO 62 Abit Volume Rate, MVR at 330°C/2.16kg 24 cm/10 min ISO 1133 LECTRICAL (1) U.746A U.746A Clob More Tracking Index (UL) (PLC) 3 PLC Code U.746A Lot-Wire Ignition (HWI), PLC 3 1.5 mm U.746A LIGH Amp Are Ignition (HWI), PLC 0 1.5 mm U.746A LAME CHARACTERISTICS (2) U.746A U.746A U.746A LAME CHARACTERISTICS (2) V.74 V.74 V.74 Like Recognized, 94HB Flame Class Rating 8.75 mm U.94 Journal Recognized, 94HB Flame Class Rating 875 °C IEC 60695-2-12 Like Recognized, 94HB Flame Class Rating 875 °C IEC 60695-2-12 Like Recognized, 94HB Flame Class Rating 875 °C IEC 60695-2-12 Like Regular May Wire Elementure 960 °C IEC 60695-2-12 Journal More More May Like Flame Aller May Like	Density	1.21	g/cm³	ISO 1183
Ale Volume Rate, MVR at 330°C 2.16kg 24 25 25 25 25 25 25 25	Water Absorption, (23°C/saturated)	0.33	%	ISO 62-1
LECTRICAL (**) Comparative Tracking Index (UL) (PLC) 3 3 9 C Code 0 1 746A Index Horizon (HWI), PLC 3 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 746A Index Horizon (HAI), PLC 0 1.5 mm 0 1 94 Index Horizon (HAI), PLC 0 1 1 94 Index Horizon (HAI), PLC 0 Index Horizon (HA	Moisture Absorption (23°C / 50% RH)	0.25	%	ISO 62
Comparative Tracking Index (UL) (PLC) 3 PLC code UL 746A Ich Wire Ignition (HWI), PLC 3 1.5 mm UL 746A Idigh Amp Arc Ignition (HAI), PLC 0 1.5 mm UL 746A LAME CHARACTERISTICS (2) UL 746I UL 746A UL Recognized, 94HB Flame Class Rating 2.5 mm UL 94 Ich Wire Ignitability Temperature, 3.0 mm 87.5 "C IEC 60695-2:13 Ich Wire Ignitability Index, 3.0 mm 96.0 "C IEC 60695-2:13 Ich Wire Ignitability Index, 3.0 mm 135 "C IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 135 "C IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 135 "C IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 146 IEC 60695-2:13 IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 135 "C IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 146 IEC 60695-2:13 IEC 60695-2:13 Ich Wire Ignitiability Index, 3.0 mm 146 IEC 60695-2:13 IEC 60695-2:13 IEC 60695-2:13	Melt Volume Rate, MVR at 330°C/2.16kg	24	cm³/10 min	ISO 1133
1.5 mm Ul. 746A mm U	ELECTRICAL (1)			
High Amp Arc Ignition (HAI), PLC 0 1.5 mm UL 746A LAME CHARACTERISTICS (2) UL 94 1.5 mm UL 94 LA Recognized, 94HB Flame Class Rating ≥1.5 mm UL 94 Like Wive Ignitability Temperature, 3.0 mm 875 °C IEC 60695:2-13 Like Union MOLDING (4) Like Construction MOLDING (4) ** ** Pring Temperature 135 °C ** ** Alaximum Moisture Content 4-6 Hrs ** ** Moisture Temperature 300-315 °C ** ** Moisture Temperature 300-315 °C ** ** Moisture Temperature 300-315 °C **	Comparative Tracking Index (UL) {PLC}	3	PLC Code	UL 746A
LAME CHARACTERISTICS (2) La Recognized, 94HB Flame Class Rating La Recognized Rating La Recogniz	Hot-Wire Ignition (HWI), PLC 3	1.5	mm	UL 746A
	High Amp Arc Ignition (HAI), PLC 0	1.5	mm	UL 746A
Name	FLAME CHARACTERISTICS (2)			
Silow Wire Ignitability Temperature, 3.0 mm 960 °C IEC 60695-2-13 1EC 60695-2-13	UL Yellow Card Link	E207780-100321031	-	-
Silow Wire Flammability Index, 3.0 mm 960 °C IEC 60695-2-12 NECTION MOLDING (4)	UL Recognized, 94HB Flame Class Rating	≥1.5	mm	UL 94
NECTION MOLDING 135	Glow Wire Ignitability Temperature, 3.0 mm	875	°C	IEC 60695-2-13
Orying Temperature 135 °C Orying Time 4 – 6 Hrs Maximum Moisture Content 0.02 % Melt Temperature 300 – 315 °C Mozzle Temperature 295 – 310 °C Viold Temperature 300 – 315 °C Middle - Zone 3 Temperature 290 – 305 °C Mear - Zone 1 Temperature 280 – 295 °C Mold Temperature 95 – 130 °C Mold Temperature 0.3 – 0.7 MPa Mack Pressure 40 – 90 rpm	Glow Wire Flammability Index, 3.0 mm	960	°C	IEC 60695-2-12
Orying Time 4 – 6 Hrs Maximum Moisture Content 0.02 % Melt Temperature 300 – 315 °C Mozzle Temperature 295 – 310 °C Indidle - Zone 3 Temperature 300 – 315 °C Middle - Zone 2 Temperature 290 – 305 °C Mear - Zone 1 Temperature 280 – 295 °C Mold Temperature 95 – 130 °C Mack Pressure 0.3 – 0.7 MPa Mear Source MPa Grew Speed 40 – 90 rpm	INJECTION MOLDING (4)			
Maximum Moisture Content 0.02 % Melt Temperature 300 – 315 °C Mozzle Temperature 295 – 310 °C Front - Zone 3 Temperature 300 – 315 °C Middle - Zone 2 Temperature 290 – 305 °C Meach - Zone 1 Temperature 280 – 295 °C Mold Temperature 95 – 130 °C Mack Pressure 0.3 – 0.7 MPa Meach Pressure 40 – 90 rpm	Drying Temperature	135	°C	
Melt Temperature 300 – 315 °C Mozzle Temperature 295 – 310 °C Front - Zone 3 Temperature 300 – 315 °C Middle - Zone 2 Temperature 290 – 305 °C Mold Temperature 280 – 295 °C Mold Temperature 95 – 130 °C Mack Pressure 0.3 – 0.7 MPa Messer Speed 40 – 90 rpm	Drying Time	4 – 6	Hrs	
Alozzle Temperature 295 – 310 °C Front - Zone 3 Temperature 300 – 315 °C Aliddle - Zone 2 Temperature 290 – 305 °C Bear - Zone 1 Temperature 280 – 295 °C Alold Temperature 95 – 130 °C Back Pressure 0.3 – 0.7 MPa Grew Speed 40 – 90 rpm	Maximum Moisture Content	0.02	%	
ront - Zone 3 Temperature 300 – 315 °C Aiddle - Zone 2 Temperature 290 – 305 °C Rear - Zone 1 Temperature 280 – 295 °C Aidd Temperature 95 – 130 °C Sack Pressure 0.3 – 0.7 MPa Screw Speed 40 – 90 rpm	Melt Temperature	300 – 315	°C	
Aiddle - Zone 2 Temperature 290 – 305 °C Itear - Zone 1 Temperature 280 – 295 °C Aold Temperature 95 – 130 °C Iack Pressure 0.3 – 0.7 MPa Icrew Speed 40 – 90 rpm	Nozzle Temperature	295 – 310	°C	
Rear - Zone 1 Temperature 280 – 295 °C Mold Temperature 95 – 130 °C Sack Pressure 0.3 – 0.7 MPa Screw Speed 40 – 90 rpm	Front - Zone 3 Temperature	300 – 315	°C	
Aold Temperature 95 – 130 °C Sack Pressure 0.3 – 0.7 MPa screw Speed 40 – 90 rpm	Middle - Zone 2 Temperature	290 – 305	°C	
Sack Pressure 0.3 – 0.7 MPa crew Speed 40 – 90 rpm	Rear - Zone 1 Temperature	280 – 295	°C	
crew Speed 40 – 90 rpm	Mold Temperature	95 – 130	°C	
·	Back Pressure	0.3 – 0.7	MPa	
het to Cylinder Size	Screw Speed	40 – 90	rpm	
110t to Cyllinder 31ze 40 – 00 %	Shot to Cylinder Size	40 – 60	%	
/ent Depth 0.025 – 0.08 mm	Vent Depth	0.025 - 0.08	mm	



- (1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.
- (2) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.
- (3) Measurements made from laboratory test coupon. Actual shrinkage may vary outside of range due to differences in processing conditions, equipment, part geometry and tool design. It is recommended that mold shrinkage studies be performed with surrogate or legacy tooling prior to cutting tools for new molded article. The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.
- (4) Injection Molding parameters are only mentioned as general guidelines. These may not apply or may need adjustment in specific situations such as low shot sizes, large part molding, thin wall molding and gas-assist molding.

MORE INFORMATION

For curve data and CAE cards, please visit and register at https://materialfinder.sabic-specialties.com

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