

NORYL™ RESIN SE1

REGION ASIA

DESCRIPTION

SINGLE LOT DATA. PPE+PS. Improved productivity and reliability. Nonchlorinated, nonbrominated flame retardant.

TYPICAL PROPERTY VALUES

Revision 20250613

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	55	MPa	SABIC - Japan Method
Tensile Strain, break	54	%	SABIC - Japan Method
Flexural Stress	86	MPa	ASTM D790
Flexural Modulus	2450	MPa	ASTM D790
Hardness, Rockwell R	119	-	ASTM D785
IMPACT			
Izod Impact, notched, 23°C	180	J/m	ASTM D256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	123	°C	ASTM D648
CTE, -30°C to 30°C	6.00E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.1	-	ASTM D792
Water Absorption, (23°C/24hrs)	0.07	%	ASTM D570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
Melt Flow Rate, 250°C/10.0 kgf	4.7	g/10 min	ASTM D1238

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