

# DIANHYDRIDES & IMIDES 1040A

## DESCRIPTION

Transparent, high flow polyetherimide.

## TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, yld, Type I, 5 mm/min	97	MPa	ASTM D638
Tensile Strain, brk, Type I, 5 mm/min	10	%	ASTM D638
Tensile Modulus, 5 mm/min	3440	MPa	ASTM D638
Flexural Stress, yld, 2.6 mm/min, 100 mm span	159	MPa	ASTM D790
Flexural Modulus, 2.6 mm/min, 100 mm span	3510	MPa	ASTM D790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	470	J/m	ASTM D4812
Izod Impact, notched, 23°C	21	J/m	ASTM D256
Gardner, 23°C	8	J	ASTM D3029
<b>THERMAL</b>			
HDT, 1.82 MPa, 6.4 mm, unannealed	196	°C	ASTM D648
<b>PHYSICAL</b>			
Specific Gravity	1.27	-	ASTM D792
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
Melt Flow Rate, 295°C/6.6 kgf	6.6	g/10 min	ASTM D1238

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