ULTEM™ RESIN 1040A

REGION AMERICAS

DESCRIPTION

Transparent, high flow Polyetherimide

TYPICAL PROPERTY VALUES

Revision 20190828

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yld, Type I, 5 mm/min	96	MPa	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	10	%	ASTM D 638
Tensile Modulus, 5 mm/min	3340	MPa	ASTM D 638
Flexural Stress, yld, 2.6 mm/min, 100 mm span	158	MPa	ASTM D 790
Flexural Modulus, 2.6 mm/min, 100 mm span	3505	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	470	J/m	ASTM D 4812
Izod Impact, notched, 23°C	16	J/m	ASTM D 256
Gardner, 23°C	7	J	ASTM D 3029
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	196	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.27	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
Melt Flow Rate, 295°C/6.6 kgf	6.7	g/10 min	ASTM D 1238
Melt Flow Rate, 337°C/6.6 kgf	77	g/10 min	ASTM D 1238

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