

ULTEM™ RESIN 1040A

REGION AMERICAS

DESCRIPTION

Transparent, high flow Polyetherimide

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yld, Type I, 5 mm/min	96	MPa	ASTM D638
Tensile Strain, brk, Type I, 5 mm/min	10	%	ASTM D638
Tensile Modulus, 5 mm/min	3340	MPa	ASTM D638
Flexural Stress, yld, 2.6 mm/min, 100 mm span	158	MPa	ASTM D790
Flexural Modulus, 2.6 mm/min, 100 mm span	3505	MPa	ASTM D790
IMPACT			
Izod Impact, unnotched, 23°C	470	J/m	ASTM D4812
Izod Impact, notched, 23°C	16	J/m	ASTM D256
Gardner, 23°C	7	J	ASTM D3029
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	196	°C	ASTM D648
PHYSICAL			
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	6.7	g/10 min	ASTM D1238
Melt Flow Rate, 337°C/6.6 kgf	77	g/10 min	ASTM D1238

ADDITIONAL PRODUCT NOTES

No PFAS intentionally added: The grade listed in this document does not contain PFAS intentionally added during Seller's manufacturing process and is not expected to contain unintentional PFAS impurities. Each user is responsible for evaluating the presence of unintentional PFAS impurities.

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