

General

Availability

Global

Processing Method

Injection & Extrusion

Description

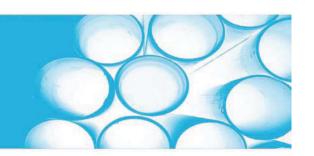
General purpose Acrylic

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.19	ASTM D792
Mechanical	Nominal Value	Test Method
Tensile Strength	10300 psi	ASTM D638
Elongation	4.20%	ASTM D638
Modulus of Elasticity	490000 psi	ASTM D638
Flexural Strength	17000 psi	ASTM D790
Flexural Modulus	490000 psi	ASTM D790
Impact	Nominal Value	Test Method
Impact Notched Izod Impact	Nominal Value >.2 ft lb/in	Test Method ASTM D256
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Notched Izod Impact	>.2 ft lb/in	ASTM D256
Notched Izod Impact Impact Strength Falling Weight (1/8")	>.2 ft lb/in 3 in-lb	ASTM D256 ASTM D256
Notched Izod Impact Impact Strength Falling Weight (1/8") Rockwell Hardness	>.2 ft lb/in 3 in-lb 95 M scale	ASTM D256 ASTM D256 ASTM D785
Notched Izod Impact Impact Strength Falling Weight (1/8") Rockwell Hardness Thermal	>.2 ft lb/in 3 in-lb 95 M scale Nominal Value 215 F	ASTM D256 ASTM D256 ASTM D785 Test Method

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.







Thermal	Nominal Value	Test Method
Coefficient of Linear Thermal Expansion (-30 to 30 C)	x 10E-5 mm/(mm-oC)	ASTM D696
Molding Shrinkage	.26%	ASTM D955
Optical	Nominal Value	Test Method
Luminous Transmittance	92%	ASTM D1003
Haze	<2%	ASTM D1003
Refractive Index	1.49	ASTM D542
Flammability		
Flame Rating (1.5mm)	НВ	UL 94

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