

Product Information

Product Characteristics

- Medium Strength
- High Rigidity
- Injection Molding

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Melt Flow Rate (230 °C @ 3.8Kg)	ASTM D 1238	g/10 min (Condition G)	8.0
Specific Gravity	ASTM D 792	-	1.19
Mold Shrinkage	ASTM D 955	in./in.	.002-.006
Rockwell Hardness	ASTM D 785	M-Scale	M-85
Refractive Index	ASTM D 542	-	1.49
Light Transmission	ASTM D 1003	%	92
Haze at 1/8"	ASTM D 1003	%	<0.5
Mechanical Properties¹			
Tensile Strength at Yield, Type I, 1/8"	ASTM D 638	psi	9,700
Tensile Elongation @ Break	ASTM D 638	%	5.0
Flexural Strength, Type I, 1/4"	ASTM D 790	psi	14,200
Notched Izod 1/4" @ 73 °F	ASTM D 256	ft-lbs/in	0.4
Thermal Properties¹			
Vicat Softening Temperature	ASTM D 1525	°F	221
Heat Distortion Temperature			
(Unannealed)	ASTM D 648	°F	198
Flammability	UL 94	-	HB

¹ Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.