

Injection Molding

Applications

- Automotive
- E&E

Characteristics

- Low viscosity

Property	Value	Unit	Method
Melt Index, MI ₂		g/10min	D 1238
Specific Gravity	1.14		D 792
Molding Shrinkage, 3.2mm	1.3 - 2.0	%	D 955
Water Absorption	1.7	%	D 570
Tensile Strength at Yield, 3.2mm	820	kg/cm ²	D 638
Tensile Elongation at Break, 3.2mm	50	%	D 638
Flexural Strength, 6.4mm	1150	kg/cm ²	D 790
Flexural Modulus, 6.4mm	28000	kg/cm ²	D 790
Izod Impact Strength, Notched	5	kg-cm/cm	D 256
Hardness, R-Scale	120		D 785
Melting Temperature	260	°C	D 3418
Heat Deflection Temp., 18.6kg, 6.4mm	75	°C	D 648
Heat Deflection Temp., 4.6kg, 6.4mm	230	°C	D 648
Coefficient of Linear Thermal Expansion	8	10 ⁻⁵ m/m °C	D 696
Flammability	V-2	class	(UL94)

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

GLOBAL PLASTICS LP

21 Downing Street Front 1 New York, NY 10014

(Domestic) 1-800 417-4605

(International) +1-646-790-7200

www.globalplastics.net

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Property	Value	Unit	Method
Volume Resistivity	1.0 E+14	Ohm · cm	D 257
Arc Resistance	190	sec	D 495
Dielectric Strength, 1mm	23	KV/mm	D 149
Dielectric Constant, 10 ⁶ Hz	3		D 150

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