

Injection Molding

Property	Value	Unit	ASTM Test
Specific Gravity	1.21	g/cm ³	D 792
Melt Mass-Flow Rate (250°C/5kg)	14	g/10 min	D 1238
Water Absorption 24 hr at 23°C	0.2	%	D 570
Tensile Strength at Yield	600	kg/cm ²	D 638
Tensile Elongation at Break	120	%	D 638
Flexural Strength at Yield	870	kg/cm ²	D 790
Flexural Modulus	22000	kg/cm ²	D 790
Notched Izod Impact, 23 °C	80	kgf-cm/cm	D 256
Rockwell Hardness R Scale	118		D 785
Heat Deflection Temperature	105	°C	D 648
Coefficient of Linear Thermal Exp.	8.3 x 10 ⁻⁵	mm/mm/°C	D 696
Volume Resistivity	5 x 10 ¹⁶		D 257
Dielectric Strength	23	kV/mm	D 149
Dielectric Constant	3		D 150
Dissipation Factor	0.009		D 150
ARC Resistance	118	sec	D 495
Flammability (0.5mm thickness)	HB		UL 94
Mold Shrinkage	0.7~1.2	%	D 955

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.

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