

Lotte[®] JM-350

Good the Balance of Stiffness and Impact resistance

Applications: Industrial/Household goods; Home appliances and Automotive parts

Information provided by Lotte Advanced Materials.

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792

Melt Flow	10.0 g/10 min @Load 2.16 kg, Temperature 230 °C	10.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
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Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.5 MPa	3840 psi	ASTM D638

Elongation at Break	>= 100 %	>= 100 %	ASTM D638
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Flexural Modulus	1.27 GPa	185 ksi	ASTM D790
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Izod Impact, Notched	0.392 J/cm @Temperature -10.0 °C	0.735 ft-lb/in @Temperature 14.0 °F	ASTM D256
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	0.834 J/cm @Temperature 23.0 °C	1.56 ft-lb/in @Temperature 73.4 °F	ASTM D256
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Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648

Flammability, UL94	HB	HB	
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