

Lotte[®] SJ-170T

Good stiffness and Heat resistance; Transparency
Applications: Industrial/Household goods; Home appliances and electronics

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	26.0 g/10 min @Load 2.16 kg, Temperature 230 °C	26.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.3 MPa	5400 psi	ASTM D638
Elongation at Break	<= 100 %	<= 100 %	ASTM D638
Flexural Modulus	1.86 GPa	270 ksi	ASTM D790
Izod Impact, Notched	0.245 J/cm	0.459 ft-lb/in	ASTM D256
Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648