

Lotte[®] J-580S

Good Transparency and Gloss; Phthalate-free
Applications: Household goods; Transparent Food & Cosmetic container

Information provided by Lotte Advanced Materials.

No vendors are listed for this material. Please click here if you are a supplier and would like information on how to add your listing to this material.

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

Melt Flow	36.0 g/10 min @Load 2.16 kg, Temperature 230 °C	36.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
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Mechanical Properties	Metric	English	Comments
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Tensile Strength, Yield	27.5 MPa	3980 psi	ASTM D638
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Elongation at Break	>= 100 %	>= 100 %	ASTM D638
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Flexural Modulus	1.13 GPa	164 ksi	ASTM D790
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Izod Impact, Notched	0.245 J/cm @Temperature -10.0 °C	0.459 ft-lb/in @Temperature 14.0 °F	ASTM D256
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	0.343 J/cm @Temperature 23.0 °C	0.643 ft-lb/in @Temperature 73.4 °F	ASTM D256
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Thermal Properties	Metric	English	Comments
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Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
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Optical Properties	Metric	English	Comments
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Haze	25.0 % @Thickness 2.00 mm	25.0 % @Thickness 0.0787 in	ASTM D1003
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