

Ashley Polymers Ashlene® ABS Resin 223

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Medium impact, medium flow, matte finish. Suitable for general purpose injection molding. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-ABS-Resin-223.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Melt Flow	1.4 g/10 min	1.4 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	ASTM D256
Charpy Impact, Notched	0.950 J/cm ² @Thickness 6.00 mm	4.52 ft-lb/in ² @Thickness 0.236 in	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	96.0 °C	205 °F	ASTM D648
Vicat Softening Point	108 °C	226 °F	ASTM D1525

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