

Ashley Polymers Ashlene® ABS 243

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

Material Notes:

Medium impact, high flow, rigid. Suitable for injection molding of appliances, automotive components, office machines, switch boxes and panels. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-ABS-243.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	Typical value for ABS
Melt Flow	3.5 g/10 min	3.5 g/10 min	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	53.0 MPa	7690 psi	ASTM D638
Flexural Strength	69.0 MPa	10000 psi	ASTM D790
Flexural Modulus	2.50 GPa	363 ksi	ASTM D790
Izod Impact, Notched	1.00 J/cm	1.87 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.0 °C	196 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.0 °C	180 °F	ASTM D648
Flammability, UL94	V-2	V-2	

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