

Multibase Multi-ABS 802 Natural Extrusion Grade

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

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-ABS-802-Natural-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955-89
Melt Flow	2.5 g/10 min @Load 3.80 kg, Temperature 230 °C	2.5 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	96	96	ASTM D785-95
Tensile Strength, Ultimate	39.3 MPa	5700 psi	ASTM D638-95
Elongation at Break	40 %	40 %	ASTM D638-95
Flexural Strength	50.0 MPa	7250 psi	ASTM D790-95
Flexural Modulus	1.862 GPa	270.1 ksi	RT; ASTM D-790-95
Izod Impact, Notched	4.00 J/cm	7.49 ft-lb/in	ASTM D256-93a

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	86.0 °C	187 °F	injection molded unannealed; ASTM D-648-95
	102 °C	216 °F	injection molded annealed; ASTM D-648-95
Vicat Softening Point	91.0 °C	196 °F	ASTM D1525-95
Flammability, UL94	HB @Thickness 1.59 mm	HB @Thickness 0.0625 in	

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