

Aclo Accucomp ABS ABS802L High Impact Grade

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-ABS-ABS802L-High-Impact-Grade.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	1.2 g/10 min	1.2 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D638
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	1.900 GPa	275.5 ksi	ASTM D638
Flexural Strength	63.0 MPa	9140 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	4.38 J/cm	8.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.2 °C	189 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	77.2 °C	171 °F	
Flammability, UL94	HB @Thickness 1.59 mm	HB @Thickness 0.0625 in	UL File #E56070

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