

Aclo Accucomp ABS ABS804L 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-ABS804L-High-Impact-Grade.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	0.40 g/10 min	0.40 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D638
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	1.40 GPa	203 ksi	ASTM D638
Flexural Strength	53.0 MPa	7690 psi	ASTM D790
Flexural Modulus	1.900 GPa	275.5 ksi	ASTM D790
Izod Impact, Notched	4.70 J/cm	8.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.9 °C	183 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	72.8 °C	163 °F	

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