

M. Holland Company AB103LG ABS Acrylonitrile Butadiene Styrene

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Medium flowMedium impact resistanceGood stiffnessInformation provided by M. Holland

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-AB103LG-ABS-Acrylonitrile-Butadiene-Styrene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	23/23Â°C; ASTM D792
Melt Flow	14 g/10 min @Load 10.0 kg, Temperature 290 Â°C	14 g/10 min @Load 22.0 lb, Temperature 554 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	ASTM D638
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	104 Â°C @Thickness 6.35 mm	220 Â°F @Thickness 0.250 in	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Forms	Pellets	
Processing Methods	Extrusion	

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