

M. Holland Company AB105 ABS

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

Material Notes:

Features: Medium Flow, High Impact Resistance, Good StiffnessUses: Household Goods, Packaging Processing Method: Injection

MoldingInformation provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-AB105-ABS.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Melt Flow	0.080 g/10 min	0.080 g/10 min	Condition G; ASTM D1238
	1.7 g/10 min	1.7 g/10 min	ASTM D1238
	@Load 3.80 kg, Temperature 230 Â°C	@Load 8.38 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.1 MPa	6250 psi	ASTM D638
Elongation at Break	3.4 %	3.4 %	ASTM D638
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	4.48 J/cm	8.40 ft-lb/in	at 73Â°F, 0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 Â°C	200 Â°F	0.250 in; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	85.6 Â°C	186 Â°F	0.250 in; ASTM D648

Descriptive Properties	Value	Comments
Form	Pellets	

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