

Amco Amalloy® B1017A Clear Multipolymer Alloy

Category : Polymer , Thermoplastic

Material Notes:

Amco Amalloy B1017A is a high impact multipolymer with exceptional clarity, good tensile and flexural strength, and medium-high melt flow. Super high impact, medium melt flow, good tensile and flexural strength. Information provided by Amco Plastic Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Amco-Amalloy-B1017A-Clear-Multipolymer-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	5.0 g/10 min @Load 3.80 kg, Temperature 230 °C	5.0 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	22.8 MPa	3300 psi	ASTM D638
Tensile Strength, Yield	24.8 MPa	3600 psi	ASTM D638
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm	4.00 ft-lb/in	ASTM D256

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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