

Amco Amalloy® B1017 Polymer Alloy

Category : Polymer , Thermoplastic

Material Notes:

Amco Amalloy B1017 is a clear performance copolymer with exceptional clarity and toughness. High melt-flow, very clear. Information provided by Amco Plastic Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Amco-Amalloy-B1017-Polymer-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D1505
Melt Flow	7.5 g/10 min @Load 1.20 kg, Temperature 300 °C	7.5 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.4 MPa	3400 psi	ASTM D638
Izod Impact, Notched	0.230 J/cm	0.430 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	101 °C	214 °F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	1.8 % @Thickness 2.54 mm	1.8 % @Thickness 0.100 in	ASTM D1003
Transmission, Visible	91 % @Thickness 2.54 mm	91 % @Thickness 0.100 in	ASTM D1003

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