

Amco Amalloy® B9575 Polymer Alloy

Category : Polymer , Thermoplastic

Material Notes:

Amco Amalloy B9575 is a clear performance copolymer with exceptional clarity and toughness. Very clear, high tensile and flexural strength. Information provided by Amco Plastic Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Amco-Amalloy-B9575-Polymer-Alloy.php

Physical Properties	Metric	English	Comments
Melt Flow	4.5 g/10 min @Load 1.20 kg, Temperature 300 °C	4.5 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	97	97	ASTM D785
Tensile Strength at Break	32.2 MPa	4670 psi	ASTM D638
Tensile Strength, Yield	43.9 MPa	6370 psi	ASTM D638
Elongation at Break	18 %	18 %	ASTM D638
Tensile Modulus	2.44 GPa	354 ksi	ASTM D638
Flexural Strength	67.0 MPa	9720 psi	ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256

Optical Properties	Metric	English	Comments
Haze	1.1 % @Thickness 2.54 mm	1.1 % @Thickness 0.100 in	ASTM D1003
Transmission, Visible	91.2 % @Thickness 2.54 mm	91.2 % @Thickness 0.100 in	ASTM D1003

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