

## Amco Amalloy® B9714 Polymer Alloy

Category : Polymer , Thermoplastic

**Material Notes:**

Amco Amalloy B9714 is a clear performance copolymer with exceptional clarity and toughness. High elongation before breakage, good melt flow. Information provided by Amco Plastic Materials.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Amco-Amalloy-B9714-Polymer-Alloy.php](http://www.lookpolymers.com/polymer_Amco-Amalloy-B9714-Polymer-Alloy.php)

Physical Properties	Metric	English	Comments
Melt Flow	6.3 g/10 min @Load 1.20 kg, Temperature 300 °C	6.3 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	72	72	ASTM D785
Tensile Strength at Break	21.4 MPa	3100 psi	ASTM D638
Tensile Strength, Yield	25.5 MPa	3700 psi	ASTM D638
Elongation at Break	106 %	106 %	ASTM D638
Tensile Modulus	1.74 GPa	253 ksi	ASTM D638
Flexural Strength	39.82 MPa	5775 psi	ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790
Izod Impact, Notched	0.278 J/cm	0.520 ft-lb/in	ASTM D256

Optical Properties	Metric	English	Comments
Haze	1.4 % @Thickness 2.54 mm	1.4 % @Thickness 0.100 in	ASTM D1003
Transmission, Visible	90.7 % @Thickness 2.54 mm	90.7 % @Thickness 0.100 in	ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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