

Arkema Group Pebax® MV1657 Polyether Block Amide

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyether Block Amide (PEBA)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Pebax-MV1657-Polyether-Block-Amide.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ISO R1183; ASTM D792
Moisture Absorption at Equilibrium	4.5 %	4.5 %	at equilibrium at 50% RH; ASTM D3418
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Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 500 %	>= 500 %	ISO R527
Flexural Modulus	0.0800 GPa	11.6 ksi	ISO 178; ASTM D790
Izod Impact, Notched	NB	NB	ISO 180/ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	204 °C	399 °F	ASTM D3418
Glass Transition Temp, Tg	<= -50.0 °C	<= -58.0 °F	ASTM D3418

Optical Properties	Metric	English	Comments
Refractive Index	1.508	1.508	ISO 489

Electrical Properties	Metric	English	Comments
Electrical Resistivity	2.00e+9 ohm-cm	2.00e+9 ohm-cm	ASTM D257
Surface Resistance	1.50e+9 ohm	1.50e+9 ohm	ASTM D257

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