

Arkema Group Pebax® MV1074 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-MV1074-Polyether-Block-Amide.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO R1183; ASTM D792
Moisture Absorption at Equilibrium	1.4 %	1.4 %	at equilibrium at 50% RH; ASTM D3418
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Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 700 %	>= 700 %	ISO R527
Flexural Modulus	0.0900 GPa	13.1 ksi	ISO 178; ASTM D790
Izod Impact, Notched	NB	NB	ISO 180/ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	158 °C	316 °F	ASTM D3418
Glass Transition Temp, Tg	<= -50.0 °C	<= -58.0 °F	ASTM D3418

Optical Properties	Metric	English	Comments
Refractive Index	1.502	1.502	ISO 489

Electrical Properties	Metric	English	Comments
Electrical Resistivity	2.50e+8 ohm-cm	2.50e+8 ohm-cm	ASTM D257
Surface Resistance	3.00e+8 ohm	3.00e+8 ohm	ASTM D257

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