

Arkema Group Pebax® MV 1074 SN 01 Polyether Block Amide (PEBA) (Conditioned)

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

Material Notes:

POLYETHER BLOCK AMIDE (PEBA) hardness 40 shore D breathable (high permeability to H2O vapor,CO2,O2) permanent antistatic grade

Applications: breathable films (medical, textile....) Permanent antistatic additive in polymers ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Pebax-MV-1074-SN-01-Polyether-Block-Amide-PEBA-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Melt Flow	14 g/10 min @Load 1.00 kg, Temperature 235 °C	14 g/10 min @Load 2.20 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	
Tensile Strength, Yield	9.30 MPa @Strain 50.0 %	1350 psi @Strain 50.0 %	50 mm/min
Tensile Modulus	0.0890 GPa	12.9 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	158 °C	316 °F	(Dry)
Vicat Softening Point	121 °C	250 °F	50°C/hr; 50N
Oxygen Index	19.4 %	19.4 %	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. reports 'Transparent' but doesn't quantify.

Electrical Properties	Metric	English	Comments
Surface Resistance	3.00e+8 ohm	3.00e+8 ohm	

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