

Arkema Group Pebax® MX 1283 Polyether Block Amide (PEBA) (Conditioned)

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

Material Notes:

POLYETHER BLOCK AMIDE (PEBA) Supersoft grade (hardness 72 shore A) Modified 2533SN01 Applications: sport (tennis shoes parts)ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Pebax-MX-1283-Polyether-Block-Amide-PEBA-Conditioned.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 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 A	72	72	
Tensile Strength, Yield	1.80 MPa @Strain 50.0 %	261 psi @Strain 50.0 %	50 mm/min
Tensile Modulus	0.00400 GPa	0.580 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	200 µm/m-°C @Temperature 20.0 °C	111 µin/in-°F @Temperature 68.0 °F	
Melting Point	135 °C	275 °F	(Dry)
Vicat Softening Point	59.0 °C	138 °F	50°C/hr; 50N

Electrical Properties	Metric	English	Comments
Surface Resistance	3.00e+12 ohm	3.00e+12 ohm	

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