

Arkema Group Pebax® 5533 SN 70 NOIR Polyether Block Amide (PEBA) (Dry)

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

Material Notes:

POLYETHER BLOCK AMIDE (PEBA) Hardness 60 shore D Black antistatic grade Applications: Tube extrusion...ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Pebax-5533-SN-70-NOIR-Polyether-Block-Amide-PEBA-Dry.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in³	
Water Absorption	1.2 %	1.2 %	
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 250 °C	5.0 g/10 min @Load 11.0 lb, Temperature 482 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	
Tensile Strength, Yield	18.0 MPa	2610 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	31 %	31 %	50 mm/min
Tensile Modulus	0.305 GPa	44.2 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	Low Temp
Charpy Impact, Notched	NB	NB	
	1.82 J/cm² @Temperature -30.0 °C	8.66 ft-lb/in² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	159 °C	318 °F	10°C/min
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB	HB	

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.12e+7 ohm-cm	1.12e+7 ohm-cm	
Surface Resistance	6.69e+6 ohm	6.69e+6 ohm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China