

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

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-Conditioned.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	
Tensile Strength, Yield	17.0 MPa	2470 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	36 %	36 %	50 mm/min
Tensile Modulus	0.298 GPa	43.2 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	220 µm/m-°C	122 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	159 °C	318 °F	(Dry)
Vicat Softening Point	144 °C	291 °F	50°C/hr; 50N
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	5500 ohm	5500 ohm	

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

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