Pebax® MH 2030

Polyether Block Amide

Arkema

Message:

Polyether block amide Pebax® MH 2030 is a thermoplastic elastomer made of flexible polyether and rigid polyamide. Pebax ® MH 2030 is an inherently dissipative polymer and can be dry blended or compounded with a polymer matrix to lower the surface resistivity of the final part.

General Information			
Additive	Antistatic		
Features	Antistatic		
Uses	Blending Compounding		
Processing Method	Compounding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.14	g/cm³	ISO 1183
Water Absorption			ISO 62
23°C, 24 hr	120	%	
Equilibrium, 23°C, 50% RH	4.5	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	40		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	80.0	MPa	ISO 178
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	200	°C	ISO 11357-3
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+7	ohms	IEC 60093
Volume Resistivity	1.0E+7	ohms·cm	IEC 60093
Charge Decay Time	< 1.0	sec	MIL B-81705
Optical	**Nominal Value**		**Test Method**
Refractive Index	1.508		Internal Method
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	5.0 to 7.0	hr	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	25.0 to 60.0	°C	
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	5.0 to 7.0	hr	
Melt Temperature	230 to 280	°C	

Recommended distributors for this material

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