

Product Texts

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

Refractive index according to an internal method is 1.508.

Main applications:

- Permanent antistatic additive

Packaging:

This grade is delivered dried in sealed packaging (25 kg bags) ready to be processed.

Shelf Life:

Two years from the delivery. For any use above this limit, please refer to our technical services.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	- / 80	MPa	ISO 527
^[C] Shore D hardness	40 / *	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	200 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	- / 100000	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / 1E7	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	120 / *	%	Sim. to ISO 62
^[C] Humidity absorption	4.5 / *	%	Sim. to ISO 62
^[C] Density	1140 / 1140	kg/m³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	5 - 7	h	-
Melt temperature	230 - 260	°C	-
Mold temperature	25 - 60	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Increased electrical conductivity, Anti-static

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information**Injection molding****Processing conditions:**

- Typical melt temperature (Min / Recommended / Max): 230°C / 240°C / 260°C.
- Typical mold temperature: 25–60°C.
- Drying time and temperature (only necessary for bags opened for more than two hours): 5-7 hours at 70-90°C.

Other extrusion**Processing conditions:**

- Typical melt temperature (Min / Recommended / Max): 230°C / 250°C / 280°C
- Drying time and temperature (only necessary for bags opened for more than two hours): 5-7 hours at 70-90°C