

## Pebax® MF 5010

TPA

### Pebax® MF 5010 resin

Polyether block amide **Pebax® MF 5010 resin** is a thermoplastic elastomer made of flexible polyether and rigid polyamide. **Pebax® MF 5010 resin** 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.

This grade is particularly designed to be used in injection with PC and PBT blends at a loading rate of 10-20%.

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Melting temperature, 10°C/min	<b>158 / *</b>	°C	ISO 11357-1/-3

<b>Electrical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Surface resistivity	<b>* / 5E7</b>	Ohm	IEC 60093

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1130 / -</b>	kg/m <sup>3</sup>	ISO 1183

<b>Test specimen production</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Injection Molding, melt temperature	<b>220</b>	°C	ISO 294
Injection Molding, mold temperature	<b>50</b>	°C	ISO 10724

### Characteristics

#### Regional Availability

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