

**Product Texts**

Base Polymer	Polypropylene Random Copolymer
Filler/Additive System	barium sulphate
Special Features	high density,high acoustic damping,increased X-Ray contrast
Market Segment	Furniture,packaging,Personal care
Typical Applications	fixing elements,housings

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>2500</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>15</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>0.8</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>6.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>55</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	<b>75</b>	°C	ISO 306

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>2110</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific, Near East/Africa

**Special Characteristics**

Heat stabilized or stable to heat

**Other text information****Injection molding**

Pre-Drying Conditions	in a dry air (dessiccant) dryer 60-90 °C for 2-4 h in an air circulating dryer 60-90 °C for 2-4 h dependant on moisture content
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-90 °C
Storage	dry, protected from light