

**EPIMIX POM CBR 25 NC Q1C501**

POM-GB25

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<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>4</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>0.9</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.3</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>3000</b>	MPa	ISO 527
Stress at break	<b>40</b>	MPa	ISO 527
Strain at break	<b>12</b>	%	ISO 527
Flexural modulus, 23°C	<b>2850</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-40</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>160</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>105</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>150</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
<b>Other properties</b>			
Water absorption	<b>0.2</b>	%	Sim. to ISO 62
Density	<b>1550</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>160 - 210</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Applications**

General Purpose