

**BC250MO**

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>4</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1200</b>	MPa	ISO 527
Yield stress	<b>23</b>	MPa	ISO 527
Yield strain	<b>5.5</b>	%	ISO 527
Flexural modulus, 23°C	<b>1100</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>25</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>80</b>	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	<b>905</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	<b>230 - 260</b>	°C	-
Mold temperature	<b>10 - 30</b>	°C	-
Holding pressure	<b>20 - 50</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Creep Resistance, Nucleated, Copolymer

**Chemical Resistance**

General Chemical Resistance, Environmental Stress Crack Resistance

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Europe