

**BC245MO**

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	3.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1350	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Charpy notched impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	905	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	230 - 260	°C	-
Mold temperature	10 - 30	°C	-
Holding pressure	20 - 50	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

**Regional Availability**

Europe