

**BE50**

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1650	MPa	ISO 527
Yield stress	36	MPa	ISO 527
Yield strain	10	%	ISO 527
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	95	°C	ISO 306
<b>Other properties</b>			
<b>ISO Data</b>			
Density	905	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Extrusion</b>			
<b>ISO Data</b>			
Melt temperature	200 - 230	°C	-
Zone 1	190 - 230	°C	-
Nozzle temperature	200 - 230	°C	-

**Characteristics****Processing**

Pipe/Tube Extrusion, Profile Extrusion, Sheet Extrusion

**Delivery form**

Natural Color

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Thermal Stability, Homopolymer

**Certifications**

Drinking water contact

**Regional Availability**

Europe