

BHC5012C

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	27	MPa	ISO 527
Flexural modulus, 23°C	1350	MPa	ISO 178
Charpy notched impact strength, +23°C	75	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	3.8	kJ/m ²	ISO 179/1eA

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	220 - 260	°C	-
Mold temperature	30 - 50	°C	-
Feed temperature	40 - 80	°C	-
Injection speed	100 - 200	mm/s	-
Holding pressure	30 - 60	MPa	-

Characteristics**Processing**

Injection Molding, Profile Extrusion, Blow Molding

Regional Availability

Europe

Features

Copolymer