

PCD 0140BR

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.75	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	0.75	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	25	MPa	ISO 527
Yield strain	7	%	ISO 527
Strain at break	400	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Shore D hardness	66	-	ISO 7619-1
ASTM Data			
Tensile Strength at Yield	25	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Shore D Hardness	66	-	ASTM D 2240
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Vicat softening temperature, A	147	°C	ISO 306
ASTM Data			
Melting Temperature	163	°C	ASTM D 3418
Vicat Temperature	147	°C	ASTM D 1525
Thermal Conductivity, solid state	0.0317	W/(m K)	ASTM C 177
Electrical properties			
ASTM Data			
Volume Resistivity	1E17	Ohm*cm	ASTM D 257
Other properties			
Density	915	kg/m ³	ISO 1183
Density	915	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion, Coating

Features

Thermal Stability, Copolymer

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America, Europe, South and Central America