

CP 141

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	45	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	43	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	26	MPa	ISO 527
Strain at break	6	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Izod notched impact strength, +23°C	7.3	kJ/m ²	ISO 180/1A
Izod notched impact strength	4.4	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 83	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	26	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Rockwell Hardness	R 83	-	ASTM D 785
Izod Impact notched, 1/8 in	95	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	50	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, A	149	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	57	°C	ASTM D 648
Vicat Temperature	149	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, South and Central America