

PRB 0131

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	1.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	31	MPa	ISO 527
Yield strain	13	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Izod notched impact strength, +23°C	19	kJ/m ²	ISO 180/1A
Rockwell hardness	R 79	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	25	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Rockwell Hardness	R 75	-	ASTM D 785
Izod Impact notched, 1/8 in	400	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	48	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	80	°C	ASTM D 648
DTUL @ 264 psi	48	°C	ASTM D 648
Vicat Temperature	130	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	24	%	ASTM D 1003
Other properties			
Density	902	kg/m ³	ISO 1183
Density	902	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified, Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Drinking water contact

Applications

Packaging

Regional Availability

North America, Europe, South and Central America