

**CP 195**

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	60	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	19	MPa	ISO 527
Yield strain	5	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Izod notched impact strength, +23°C	8.2	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	5.5	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 39	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	20	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Rockwell Hardness	R 61	-	ASTM D 785
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	40	J/m	ASTM D 256
Temperature	-20	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	53	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2
Vicat softening temperature, A	137	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 66 psi	95	°C	ASTM D 648
DTUL @ 264 psi	53	°C	ASTM D 648
Vicat Temperature	137	°C	ASTM D 1525
<b>Other properties</b>			
Density	895	kg/m <sup>3</sup>	ISO 1183
Density	895	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Certifications**

Food contact

**Special Characteristics**

High impact or impact modified

**Applications**

Packaging

**Features**

Copolymer

**Regional Availability**

North America, Europe, South and Central America