

**EP200K**

PP

Braskem

<b>Processing/Physical Characteristics</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>3.5</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3.5</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>21</b>	MPa	ISO 527
Yield strain	<b>11</b>	%	ISO 527
Flexural modulus, 23°C	<b>900</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>46</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>5.9</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-20</b>	°C	-
Rockwell hardness	<b>R 53</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>22</b>	MPa	ASTM D 638
Elongation at Yield	<b>7</b>	%	ASTM D 638
Rockwell Hardness	<b>R 66</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>N</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>70</b>	J/m	ASTM D 256
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>80</b>	°C	ISO 75-1/-2
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>86</b>	°C	ASTM D 648
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>895</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>895</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Coating

**Features**

Copolymer

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America, Europe, South and Central America