

**H 603**

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	1.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	33	MPa	ISO 527
Yield strain	14	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Izod notched impact strength, +23°C	3.8	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R 98	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	33	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
<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	89	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°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	154	°C	ASTM D 1525
<b>Other properties</b>			
Density	905	kg/m <sup>3</sup>	ISO 1183
Density	905	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Blow Molding

**Features**

Low Odor, Melt Strength, Homopolymer

**Certifications**

Food contact

**Applications**

General Purpose, Packaging

**Regional Availability**

North America, Europe, South and Central America