

**H734 52RNA**

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	52	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	52	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	37	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Charpy notched impact strength, +23°C	2.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 66 psi	113	°C	ASTM D 648
Vicat Temperature	155	°C	ASTM D 1525
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183
Density	905	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Features**

Low Warpage, Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

North America, Europe, South and Central America