

H 107

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	80	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	80	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	37	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1650	MPa	ISO 178
Izod notched impact strength, +23°C	1.3	kJ/m ²	ISO 180/1A
Rockwell hardness	R 103	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	38	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	57	°C	ASTM D 648
Vicat Temperature	153	°C	ASTM D 1525
Other properties			
Density	905	kg/m ³	ISO 1183
Density	905	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Coating

Special Characteristics

Transparent

Features

High Gloss, Melt Strength, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

General Purpose

Regional Availability

North America, South and Central America