

H 130

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	43	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	40	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Yield stress	36	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1470	MPa	ISO 178
Charpy notched impact strength, +23°C	2.4	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	2.5	kJ/m ²	ISO 180/1A
Rockwell hardness	R 105	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Rockwell Hardness	R 101	-	ASTM D 785
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	156	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	98	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	900	kg/m ³	ISO 1183
Density	905	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Coating

Applications

Packaging

Features

Homopolymer

Regional Availability

North America, Europe, South and Central America