

HP550R

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	24	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	24	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Izod notched impact strength, +23°C	2.2	kJ/m ²	ISO 180/1A
Rockwell hardness	R 98	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Rockwell Hardness	R 99	-	ASTM D 785
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648
Other properties			
Density	905	kg/m ³	ISO 1183
Density	905	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Fiber Extrusion

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, South and Central America