

H 401

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	33	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	92	°C	ASTM D 648
DTUL @ 264 psi	52	°C	ASTM D 648
Vicat Temperature	148	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	99	-	ASTM D 2457
Haze	1.8	%	ASTM D 1003
Other properties			
Density	905	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	22	MPa	ASTM D 882
Tensile Strength at Yield, TD	21	MPa	ASTM D 882
Elongation at Yield, MD	12	%	ASTM D 882
Elongation at Yield, TD	11	%	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.03	mm	-

Characteristics**Processing**

Film Extrusion

Features

High Gloss, Weldable, Homopolymer

Additives

Antiblocking agent

Applications

Packaging

Special Characteristics

High impact or impact modified, Transparent

Regional Availability

North America, Europe, South and Central America