

EP445L

PP

Braskem

Processing/Physical Characteristics			
	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Izod notched impact strength, +23°C	7.2	kJ/m ²	ISO 180/1A
Izod notched impact strength	3.3	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 72	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	32	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Other properties			
	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Compression Molding

Features

Copolymer

Additives

Antiblocking agent

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Anti-static, High impact or impact modified