

RP 225M

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	29	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Izod notched impact strength, +23°C	3.4	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	28	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, A	134	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	85	°C	ASTM D 648
Vicat Temperature	134	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	96	-	ASTM D 2457
Haze	1.4	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	902	kg/m ³	ISO 1183
Density	902	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	20	MPa	ASTM D 882
Tensile Strength at Yield, TD	19	MPa	ASTM D 882
Elongation at Yield, MD	16	%	ASTM D 882
Elongation at Yield, TD	14	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.03	mm	-

Characteristics**Processing**

Film Extrusion, Blow Molding

Applications

Packaging

Additives

Antiblocking agent

Regional Availability

North America, Europe, South and Central America

Features

Copolymer, Random Copolymer