

PD 943XP

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	35	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Izod notched impact strength, +23°C	3.1	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	11	%	ASTM D 638
Rockwell Hardness	R 98	-	ASTM D 785
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, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	97	°C	ISO 75-1/-2
Vicat softening temperature, A	151	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	97	°C	ASTM D 648
DTUL @ 264 psi	55	°C	ASTM D 648
Vicat Temperature	151	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	97	-	ASTM D 2457
Haze	2.3	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ISO 1183
Density	905	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	21	MPa	ASTM D 882
Tensile Strength at Yield, TD	20	MPa	ASTM D 882
Elongation at Yield, MD	11	%	ASTM D 882
Elongation at Yield, TD	10	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.03	mm	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Certifications

Food contact

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified, Transparent

Features

High Gloss, Weldable, Homopolymer

Applications

Packaging

Regional Availability

North America, Europe, South and Central America