

Pemex PX 20020P

Low Density Polyethylene

Pemex Petroquímica



Prospector

General			
Material Status	• Commercial: Active		
Availability	• Latin America	• North America	
Additive	• Antiblock	• Antioxidant	• Slip
Features	• Antiblocking	• Homopolymer	
	• Antioxidant	• Slip	
Agency Ratings	• FDA 21 CFR 177.1520		
Forms	• Pellets		

Physical	Nominal Value Unit	Test Method
Density	0.922 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0 g/10 min	ASTM D1238
Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Break)	10.9 MPa	ASTM D638
Tensile Elongation (Break)	640 %	ASTM D638
Films	Nominal Value Unit	Test Method
Dart Drop Impact	150 g	ASTM D1709
Elastomers	Nominal Value Unit	Test Method
Tear Strength	63.7 kN/m	ASTM D624
Optical	Nominal Value Unit	Test Method
Clarity	22.0	ASTM D1746
Haze	4.0 %	ASTM D1003

Additional Information

Film, ALKATHENE 68: A
 Contamination, ALKATHENE 68: A
 Color, ALKATHENE 68: A
 Cut, ALKATHENE 68: A
 The value listed as Tear Strength ASTM D624, was tested in accordance with ASTM D1004.
 The value listed as Clarity ASTM D1746, was tested in accordance with Alkathene 57.

Extrusion	Nominal Value Unit
Melt Temperature	160 to 190 °C

Extrusion Notes

Dice: 170-190°C
 Relation of Blown: 1.5 to 3 times the diameter of the dice

Notes

¹ Typical properties: these are not to be construed as specifications.