

# Flexus 9212XP

Linear Low Density Polyethylene

Braskem

## Message:

Braskem Flexus9212XP is a LLDPE hexene copolymer produced through metallocene catalyst which presents excellent impact and puncture strength, beyond a differential sealing performance comparing with another typical LLDPE. It contains a special package of slip additives which allow better CoF control after lamination.

### Applications:

Films laminated for automatic packaging (FFS) of solids and liquids, co extrusion and general use.

### Additive:

Slip package in high level

Blocking medium

Processing Aids Medium Level

General Information			
Additive	Antiblock		
	Processing Aid		
	Slip		
Features	Good Impact Resistance		
	Good Processing Stability		
	Hexene Comonomer		
	High Slip		
	Medium Antiblocking		
	Puncture Resistant		
Uses	Film		
	General Purpose		
	Laminates		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blown Film		
	Extrusion Blow Molding		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested <sup>1</sup>	40	µm	
Tensile Strength			ASTM D882

MD : Break	35.0	MPa	
TD : Break	25.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	850	%	
TD : Break	840	%	
Flexural Modulus			ASTM D790
1% Secant, MD	150	MPa	
1% Secant, TD	160	MPa	
Dart Drop Impact	> 850	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	230	g	
TD	790	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	84		ASTM D2457
Haze	7.0	%	ASTM D1003
NOTE			

1.

Processed with 10% of LDPE in a  
75mm screw diameter extruder  
with blow up ratio of 2.2:1

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#### Recommended distributors for this material

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