

Flexus 9211

Linear Low Density Polyethylene

Braskem

Message:

Description:
Braskem Flexus9211 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.

Applications:
Automatic packaging (FFS); multilayer packaging films; films for lamination

General Information	
Additive	Antiblock
	Processing Aid
	Slip
Features	Good Impact Resistance
	Hexene Comonomer
	Puncture Resistant
Uses	Film
	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 ³	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 ¹	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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