

Flexus 9200

Linear Low Density Polyethylene

Braskem

Message:

Description:
Flexus 9200 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 processing aid and antioxidant additives.

Applications:
Heavy-duty bags; liners, LDPE and HDPE blends; packages for general use.

General Information			
Additive	Antioxidant		
	Processing Aid		
Features	Antioxidant		
	Good Impact Resistance		
	Good Processability		
	Hexene Comonomer		
	Puncture Resistant		
Uses	Blending		
	Heavy-duty Bags		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blown Film		
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
Tensile Strength			ASTM D882
MD : Break	70.0	MPa	
TD : Break	60.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	1000	%	
TD : Break	1200	%	
Flexural Modulus			ASTM D790
1% Secant, MD	130	MPa	
1% Secant, TD	151	MPa	

Dart Drop Impact	> 850	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	240	g	
TD	380	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	123		ASTM D2457
Haze	7.0	%	ASTM D1003

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