

Flexus 7200

Linear Low Density Polyethylene
Braskem

Message:

Description:
Braskem Flexus7200 is a Linear Low Density Polyethylene, metallocene ethylene-hexene copolymer, produced by gas fase process. It was specially designed to provide outstanding processing performance. Films obtained with this grade show excellent impact and puncture resistences. It contains antioxidant additives.

Applications:
Stretch films; liners; LDPE and HDPE blends; packages for general use.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Impact Resistance		
	Good Processability		
	Hexene Comonomer		
	Puncture Resistant		
Uses	Blending		
	Film		
	Liners		
	Packaging		
	Stretch Wrap		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Tensile Strength			
MD : Break	40.0	MPa	
TD : Break	30.0	MPa	ASTM D882
Tensile Elongation			
MD : Break	990	%	
TD : Break	1000	%	ASTM D790
Flexural Modulus			

1% Secant, MD	180	MPa	
1% Secant, TD	190	MPa	
Dart Drop Impact	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	250	g	
TD	460	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	60		ASTM D2457
Haze	28	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	220 to 270	°C	

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