Braskem PE FLEXUS7200XP

Linear Low Density Polyethylene

Braskem

Message:

Braskem FLEXUS 7200XP is a Linear Low Density Polyethylene produced through metallocene catalyst. It was specially designed to provide outstanding processing performance. Films obtained with this grade show excellent mechanical and optical properties. It contains antioxidant additives.
Applications
Stretch films
Process
Recommended processing conditions for film extrusion about 220 - 270 °C. The optimum processing conditions will vary according to the type of equipment used and cannot be considered as performance guarantee.

General Information			
Additive	Antioxidation		
Features	Optical Antioxidation Workability, good		
Uses	Films Stretch winding		
Agency Ratings	FDA 21 CFR 177.1520		
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**
secant modulus			ASTM D882
1% secant, MD: 25 µm, blown film	180	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	190	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	40.0	MPa	ASTM D882
TD: Broken, 25 µm, blown film	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	990	%	ASTM D882
TD: Broken, 25 µm, blown film	1000	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 25 µm, blown film	250	g	ASTM D1922
TD: 25 µm, blown film	460	g	ASTM D1922
Optical	**Nominal Value**	**Unit**	**Test Method**

Gloss [1] (60 °, 23.0 µm, blown film)	149		ASTM D2457
Transmittance [2] (23.0 µm, blown film)	93.8	%	ASTM D1003
Haze [3] (23.0 µm)	1.8	%	ASTM D1003
Additional Information	Nominal Value	Unit	Test Method
Cling [4] (23.0 µm)	16	g	ASTM D4649
Puncture [5] (23.0 µm)	3200	g	ASTM D4649
Retention Ending Force [6] (23.0 µm)	2500	g	ASTM D4649
Retention Loss [7] (23.0 µm)	30	%	ASTM D4649
Retention Maximum Force [8] (23.0 µm)	4100	g	ASTM D4649
Ultimate Test [9] (23.0 µm)	380	%	ASTM D4649
NOTE			
1.	75%Flexus7200XP + 25% LLDPE Octene		
2.	75%Flexus7200XP + 25% LLDPE Octene		
3.	75%Flexus7200XP + 25% LLDPE Octene		
4.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		
5.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		
6.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		
7.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		
8.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		
9.	3 layer coextruder, 75%Flexus7200XP + 25% LLDPE Octene		

Recommended distributors for this material

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