

Braskem PE PLURIS 9300

Linear Low Density Polyethylene

Braskem

Message:

PLURIS9300 is a Quateropolymer produced with Spherilene technology and is a LLDPE with unique properties, such as high stiffness associated with toughness. It is easier to process than conventional LLDPE with the same melt index and shows very good bubble stability. Films obtained with this product have very low gel values. It contains processing Aid, antioxidant and antiblock additives.

Applications:

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

General Information			
Additive	Antiblock		
	Antioxidant		
	Processing Aid		
Features	Antiblocking		
	Antioxidant		
	Good Processability		
	Good Toughness		
	High Stiffness		
	Low Gel		
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
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.55	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ASTM D882
Tensile Strength			
MD : Break	50.0	MPa	
TD : Break	40.0	MPa	ASTM D882
Tensile Elongation			
MD : Break	890	%	
TD : Break	1100	%	

Flexural Modulus			ASTM D790
1% Secant, MD	270	MPa	
1% Secant, TD	310	MPa	
Dart Drop Impact	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	230	g	
TD	550	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	71		ASTM D2457
Haze	18	%	ASTM D1003

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