Braskem PE STN7006

Low Density Polyethylene

Braskem America Inc.

Message:

Description: STN7006 is a low-density polyethylene (LDPE) specially developed for coextruded films and lamination. The resin presents a great combination among mechanical, optical and stiffness properties. Besides STN7006 has low gels content which ensure a production of excellent appearance films. This product is identified as PE 114 according to ASTM D-4976-04a standard specification. Additives free. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Applications: High clarity films for coextruded food packaging, such as: cheese, meat, sausages, sliced ham, etc. Cast films for table cloth, curtains and laminated tissues. Flexible bottles for solids, liquids or pasties products for hygiene and cleanness.

Process: Blown Film Extrusion

Features Low speed solidification crystal point Optical Optical Updatable resources Definition, high BPA-free No additive Uses Laminate Cast film Bottle Bottle Food packaging Yenessing Method FDA 21 CFR 177.1520 Processing Method FIlm extrusion Bottle Solow film Prostoal g/cm³ ASTM D792 Meth Mass-Flow Rate (MFR) (190°C/2.16 (sg) 0.60 g/cm³ ASTM D792 Films Nominal Value Unit Test Method Films Nominal Value Unit Test Method Films 0.60 g/cm³ ASTM D792 Kegart MD: 50 µm, blown film 140 MPa ASTM D882 2% secant, TD: 50 µm, blown film 140 MPa ASTM D882 2% secant, TD: 50 µm, blown film 120 MPa ASTM D882 Tensile Strength E30 MPa ASTM D882 MD: Broken, 50 µm, blown film 25.0 MPa ASTM D882	General Information			
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	Tensile Strength			ASTM D882
	MD: Broken, 50 µm, blown film	25.0	MPa	ASTM D882
TD: Broken, 50 μm, blown film 20.0 MPa ASTM D882	TD: Broken, 50 µm, blown film	20.0	MPa	ASTM D882
Tensile Elongation ASTM D882	Tensile Elongation			ASTM D882

MD: Broken, 50 µm, blown film	350	%	ASTM D882
TD: Broken, 50 µm, blown film	700	%	ASTM D882
Dart Drop Impact ¹ (50 µm, Blown Film)	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 50 µm, blown film	310	g	ASTM D1922
TD: 50 µm, blown film	250	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457
45, blown film	60		ASTM D2457
60, blown film	86		ASTM D2457
Haze (Blown Film)	8.5	%	ASTM D1003
Haze (Blown Film) Additional Information	8.5 Nominal Value	% Unit	ASTM D1003 Test Method

NOTE	
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