

Braskem PE PROXESS 2606

Linear Low Density Polyethylene

Braskem

Message:

Braskem PROXESS2606 is a linear low density polyethylene (LLDPE) produced through metallocene catalyst and recommended to blown film extrusion. Films obtained with this grade exhibits high mechanical strength, better sealing, high transparency and comparable contraction levels. These properties make this product a versatile option for both monolayer and multilayer films.

Applications:

Shrink films, industrial sacks, ice, sand and mortar packing.

Additives:

Antioxidants

Processing Aid

Process:

Blown Films Extrusion

General Information			
Additive	Processing aid		
	Antioxidation		
Features	High strength		
	Antioxidation		
	Definition, high		
Uses	Blown Film		
	Packaging		
	Films		
	Multilayer film		
	Industrial application		
	Shrinkable film		
	Heavy packing bag		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.926	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 100 µm, blown film	40.0	MPa	ASTM D882
TD: Broken, 100 µm, blown film	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 100 µm, blown film	1000	%	ASTM D882

TD: Broken, 100 µm, blown film	1100	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD : 100 µm, Blown Film	240	MPa	ASTM D790
1% Secant, TD : 100 µm, Blown Film	250	MPa	ASTM D790
Dart Drop Impact (100 µm, Blown Film)	560	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 100 µm, blown film	480	g	ASTM D1922
TD: 100 µm, blown film	1900	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 100 µm, Blown Film)	66		ASTM D2457
Haze (100 µm, Blown Film)	12	%	ASTM D1003

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