

Braskem PE LDF2023

Low Density Polyethylene

Braskem IDESA

Message:

LDF2023 is a non-additivated low density polyethylene. It has good optical properties and excellent processability.

Applications:

Bags and sacks, Shrink Film, Blown Film, Cast Film and Food Packaging Films.

Process:

Blown Film, Cast Film.

General Information			
Features	Optical		
	Workability, good		
	No additive		
Uses	Blown Film		
	Packaging		
	Films		
	Bags		
	cast film		
	Food packaging		
	Shrinkable film		
Processing Method	Blow film		
	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	145	MPa	ASTM D882
1% secant, TD	145	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	20.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	490	%	ASTM D882
TD: Fracture	1100	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD	480	g	ASTM D1922
TD	150	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	100		ASTM D2457
Haze (50.0 μm)	< 6.0	%	ASTM D1003

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