

# Braskem PE LDF0323

Low Density Polyethylene

Braskem IDESA

Message:

LDF0323 is a low density polyethylene of high molecular weight that provides high mechanical strength. It is used in the extrusion of tubular films with excellent mechanical properties and heat shrinkage.

Applications:

Industrial bags, agricultural and shrink film.

Pipes and hoses

Process:

Blown Film

Extrusion Blow Molding

General Information	
Features	High molecular weight
	High tensile strength
Uses	Blown Film
	Films
	Bags
	Industrial application
	Pipe
	Piping system
	Agricultural application
	Shrinkable film
Processing Method	Film extrusion
	Blow film
	Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.34	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	25.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	280	%	ASTM D882
TD: Fracture	880	%	ASTM D882
Dart Drop Impact	130	g	ASTM D1709
Elmendorf Tear Strength - TD	130	g	ASTM D1922

Optical	Nominal Value	Unit	Test Method
Gloss (60°)	60		ASTM D2457
Haze	18	%	ASTM D1003

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#### Recommended distributors for this material

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