

Braskem PE LDF0223

Low Density Polyethylene

Braskem IDESA

Message:

LDF0223 is a low density polyethylene of high molecular weight that provides high mechanical strength. The product is highly versatile and can be used in several applications due to their easy processability and high compatibility with other types of polyethylene. It does not contain antiblock and slip additives.

Applications:

Industrial bags, shrink film, bags and sacks, blown film and bottles for consumer goods as well as blends with HDPE and LLDPE for extrusion and molding process.

Process:

Blown film extrusion, injection molding.

General Information			
Features	High molecular weight		
	High tensile strength		
	Workability, good		
Uses	Blown Film		
	Films		
	Bags		
	Industrial application		
	Mixing		
	Bottle		
	Shrinkable film		
Processing Method	Consumer goods application field		
	Blow film		
	Extrusion		
Physical	Injection molding		
	Nominal Value	Unit	Test Method
	Density	0.923	g/cm ³ ISO 1183
Mechanical	Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min ISO 1133
	Nominal Value	Unit	Test Method
	Tensile Modulus	260	MPa ISO 527-2
Films	Tensile Stress (Yield)	10.0	MPa ISO 527-2
	Nominal Value	Unit	Test Method
	Tensile Elongation (Break)	500	% ISO 527-3
Thermal	Dart Drop Impact	250	g ASTM D1709
	Nominal Value	Unit	Test Method
	Vicat Softening Temperature	96.0	°C ISO 306/A50

Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457
20°	> 15		ASTM D2457
60°	> 50		ASTM D2457
Haze (50.0 μm)	< 14	%	ASTM D1003

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