

Braskem PE LDF2023S1

Low Density Polyethylene

Braskem IDESA

Message:

LDF2023S1 is a low density polyethylene which contains slip and antiblock additives. 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			
Additive	Anti-caking agent		
	slip agent		
Features	smoothness		
	Optical		
	Anti-caking property		
	Workability, good		
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
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	260	MPa	ISO 527-2
Tensile Stress (Yield)	11.0	MPa	ISO 527-2
Films	Nominal Value	Unit	Test Method
Tensile Stress (Break)	600	MPa	ISO 527-3
Dart Drop Impact	110	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ISO 306/A50

Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457
20°	> 50		ASTM D2457
60°	> 100		ASTM D2457
Haze (50.0 μm)	< 9.0	%	ASTM D1003

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