

Braskem PE LDF2023

Low Density Polyethylene

Braskem IDESA

Product Description:

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

Availability Latin America

North America

Features Additive Free

Good Optical Properties

Uses Bags

Film

Blown Film

Food Packaging

Cast Film

Packaging

Processing Method Blown Film

Cast Film

Physical

Nominal Value Unit

Test Method

Density

0.923 g/cm³

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

1% Secant, TD	145 MPa	
Tensile Strength		ASTM D882
MD : Break	30.0 MPa	
TD : Break	20.0 MPa	
Tensile Elongation		ASTM D882
MD : Break	490 %	
TD : Break	1100 %	
Dart Drop Impact	70 g	ASTM D1709
Elmendorf Tear Strength		ASTM D1922
MD	480 g	
TD	150 g	
Optical	Nominal Value Unit	Test Method
Gloss (60°)	100	ASTM D2457
Haze (50.0 μm)	< 6.0 %	ASTM D1003