

# Braskem PE EB-853/72 (Films)

Low Density Polyethylene

Braskem

Message:

Description:  
EB853/72 is a grade produced under high pressure in a Tubular reactor. Films obtained with this product show outstanding optical properties, good sealability, and low gel amount.

Additive:  
Slip Medium  
Antiblock Medium

Applications:  
Lamination film; general purpose; automatic packaging of solids products (FFS)

General Information			
Additive	Moderate caking resistance		
	Moderate smoothness		
Features	Low density		
	Low speed solidification crystal point		
	Optical		
	Moderate caking resistance		
	Moderate smoothness		
Uses	Films		
	General		
	Hard packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Film extrusion		
	Extrusion blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.923	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Strength			ASTM D882
MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	20.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	270	%	ASTM D882

TD: Fracture	1000	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709
Elmendorf Tear Strength - TD	100	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	112		ASTM D2457
Haze	5.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	110	°C	
Die Temperature	160	°C	
Extrusion instructions			

Blown FilmScrew L/D relation: 16 to 30:1Compression rate: 3 to 4:1Screen package(Mesh): 40/60/40Extruder: 150°CBlow up ratio: 2 to 3:1Frostline height: at most equivalent to the bubble diameter

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#### Recommended distributors for this material

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