Braskem PE BF-0323/12HC

Low Density Polyethylene

Braskem

Message:

Description:
BF0323/12 is a high molecular weight LDPE produced under high pressure technology. Films obtained with this product show outstanding optical properties, excellent mechanical properties, and good shrinkage.
Additive:
Slip Medium
Antiblock Medium
Applications:
Automatic packaging of solid and liquid products; shrink films for pallets
Process:
Blown Film Extrusion

General Information	
Additive	Moderate caking resistance Moderate smoothness
Features	High molecular weight Optical High pressure heating resistance Low shrinkage Moderate caking resistance Moderate smoothness
Uses	Films Food 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/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.32	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D882
MD: Fracture	40.0	MPa	ASTM D882
TD: Fracture	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882

MD: Fracture	390	%	ASTM D882
TD: Fracture	1000	%	ASTM D882
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength - TD	100	g	ASTM D1922
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (60°)	83		ASTM D2457
Haze	11	%	ASTM D1003
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	110	°C	
Die Temperature	190	°C	

Extrusion instructions

Blown FilmScrew L/D relation: 16 to 30:1Compression rate: 3 to 4:1Screen package(Mesh): 40/60/40Extruder: 180°CBlow up ratio: 2 to 3:1Frostline height: at most equivalent to the bubble diameter

Recommended distributors for this material

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