

Braskem PE FH 35

Linear Low Density Polyethylene

Braskem

Message:

Description:
The FH35 resin is a High Density Polyethylene, copolymer of butene-1, produced by solution process for flat die film extrusion, with good mechanical properties. It contains antioxidant additive.

Application:
Diapers, sanitary napkins and other specialties.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Butene Comonomer
	High Density
Uses	Film
	Sanitary Products
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Cast Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.942	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.9	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD : Break	30.0	MPa	
TD : Break	20.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	1400	%	
TD : Break	430	%	
Flexural Modulus			ASTM D790
1% Secant, MD	490	MPa	
1% Secant, TD	540	MPa	
Elmendorf Tear Strength			ASTM D1922
MD	13	g	
TD	20	g	
Optical	Nominal Value	Unit	Test Method

Gloss (60°)	16		ASTM D2457
Haze	66	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 250	°C	
Die Temperature	250 to 290	°C	

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Recommended distributors for this material

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