

# Braskem PE LH-537

Linear Low Density Polyethylene

Braskem

Message:

Description:  
LH537 is a LLDPE Hexene produced by Braskem. It offers an excellent processability, stiffness and soft touch for flat die films. Very low gel contents.

Additives:  
Slip Absent  
Antiblock Absent.

Application:  
Diapers (back sheet); absorbent pads (back sheet).

General Information			
Features	Low speed solidification crystal point		
	Rigid, good		
	Workability, good		
	Soft		
	Compliance of Food Exposure		
Uses	cast film		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Film extrusion		
	cast film		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.937	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.8	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	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	1300	%	ASTM D882
TD: Fracture	1400	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD	420	MPa	ASTM D790
1% Secant, TD	430	MPa	ASTM D790
Elmendorf Tear Strength			ASTM D1922
MD	20	g	ASTM D1922

TD	30	g	ASTM D1922
Optical	Nominal Value		Test Method
Gloss (60°)	9		ASTM D2457
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	190	°C	
Die Temperature	230	°C	
Extrusion instructions			

Cast FilmsScreen package (Mesh)40/40- 100% pure40/60/40- BlendMass temperature: 230°C (max 250°C)

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#### Recommended distributors for this material

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