

MarFlex® HHM TR-130

High Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex® HHM TR-130 is a High Density Polyethylene material. It is available in Latin America or North America for blown film.

Important attributes of MarFlex® HHM TR-130 are:

Good Stiffness

Good Toughness

Typical applications include:

Bags/Liners

Additive/Masterbatch

Food Contact Applications

General Information			
Features	Good Stiffness		
	Good Toughness		
Uses	Bags		
	Blending		
	Liners		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Blown Film)	0.25		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 25 µm, Blown Film	607	MPa	
1% Secant, TD : 25 µm, Blown Film	834	MPa	
Tensile Strength			ASTM D882
MD : Break, 25 µm, Blown Film	54.0	MPa	
TD : Break, 25 µm, Blown Film	49.0	MPa	
Tensile Elongation ¹			ASTM D882
MD : Break, 25 µm, Blown Film	310	%	
TD : Break, 25 µm, Blown Film	840	%	
Oxygen Transmission Rate (Wet) (25 µm, Blown Film)	6000	cm ³ /m ² /24 hr	ASTM F1927

Water Vapor Transmission Rate (25 µm, Blown Film)	13	g/m ² /24 hr	ASTM F1249
Dart Drop Test - Blown Film (25.4 µm)	19.3	kN/m	ASTM D1709
Elmendorf Tear Strength ²			ASTM D1922
MD : 25.4 µm	6.2	kN/m	
TD : 25.4 µm	617.7	kN/m	

NOTE			
1.	51 mm/min		
2.	Blown Film		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

