

MORETEC™ 00138H

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

MORETEC™00138H is a linear low density polyethylene product. It can be processed by blowing film and is available in North America, Europe or Asia Pacific. MORETEC™The application areas of 00138H include packaging, film and coating applications.

Features include:

high strength

slide

Good processability

General Information			
Additive	High smoothness		
Features	High smoothness		
	High strength		
	Workability, good		
Uses	Packaging		
	Films		
	Laminate		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	> 1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	54		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	9.80	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	300	%	ISO 527-2
Flexural Modulus (Injection Molded)	190	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (Injection Molded)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	103	°C	ISO 306
Melting Temperature (DSC)	119	°C	ISO 3146
Additional Information			

The value listed as Melting Temperature, ISO 3146, was tested in accordance with ISO 11357-3Tensile Strain at Break, ISO 527: >300%

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Recommended distributors for this material

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

