

Marlex® 9519H

High Density (HMW) Polyethylene
Chevron Phillips Chemical Company LLC

Message:

Marlex® 9519H is a High Density (HMW) Polyethylene material. It is available in Latin America or North America for blow molding.
Important attributes of Marlex® 9519H are:
Antistatic
Eco-Friendly/Green
Good Stiffness
High ESCR (Stress Crack Resistant)
High Molecular Weight
Typical applications include:
Containers
Food Contact Applications
Household Applications

General Information			
Additive	Antistatic		
Features	Antistatic		
	Durable		
	Good Melt Strength		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
	Recyclable Material		
Uses	Blow Molding Applications		
	Containers		
	Household Goods		
	Industrial Containers		
Agency Ratings	ASTM D 4976-PE245		
	FDA 21 CFR 177.1520(c) 2.2 2		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.962	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.34	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, Compression Molded, F50)	24.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Compression Molded)	32.0	MPa	ASTM D638

Tensile Elongation ² (Break, Compression Molded)	> 500	%	ASTM D638
Flexural Modulus - Tangent ³ (Compression Molded)	1480	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746A
NOTE			
1.	Type IV, 51 mm/min		
2.	Type IV, 51 mm/min		
3.	13 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

