Marlex® 9518H

High Density (HMW) Polyethylene

Chevron Phillips Chemical Company LLC

Message:

Marlex® 9518H is a High Density (HMW) Polyethylene material. It is available in Latin America or North America for blow molding.
Important attributes of Marlex® 9518H are:
Eco-Friendly/Green
Good Stiffness
High ESCR (Stress Crack Resistant)
High Molecular Weight
Wear Resistant
Typical applications include:
Containers
Food Contact Applications
Household Applications

General Information			
Features	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) 3.2a 2		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.962	g/cm³	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, F50)	24.0	hr	ASTM D1693B
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield, Compression Molded)	31.7	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		

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

WECHAT