Marlex® 9505HF

High Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

Marlex® 9505HF is a High Density Polyethylene material. It is available in Latin America or North America for blow molding.
Important attributes of Marlex® 9505HF are:
Antistatic
Eco-Friendly/Green
Hexene Comonomer
High ESCR (Stress Crack Resistant)
Impact Resistant
Typical applications include:
Bottles
Containers
Food Contact Applications
Industrial Applications

General Information			
Additive	Antistatic		
Features	Antistatic Durable Good Impact Resistance Hexene Comonomer High ESCR (Stress Crack Resist.) Recyclable Material		
Uses	Blow Molding Applications Bottles Containers Industrial Applications		
Agency Ratings	ASTM D 4976-PE235 FDA 21 CFR 177.1520(c) 3.2a		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.949	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, Compression Molded, F50)	250	hr	ASTM D1693B
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield, Compression Molded)	26.0	MPa	ASTM D638

Tensile Elongation [2] (Break, Compression Molded)	500	%	ASTM D638
Flexural Modulus - Tangent [3] (Compression Molded)	1070	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.

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