

Marlex® 9513H

High Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

Marlex® 9513H is a High Density Polyethylene material. It is available in Latin America or North America for blow molding.
Important attributes of Marlex® 9513H are:
Antistatic
Eco-Friendly/Green
Hexene Comonomer
High ESCR (Stress Crack Resistant)
High Molecular Weight
Typical applications include:
Containers
Food Contact Applications

General Information			
Additive	Antistatic		
Features	Antistatic		
	Durable		
	Good Impact Resistance		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
	Recyclable Material		
Uses	Blow Molding Applications		
	Blown Containers		
	Containers		
	Industrial Containers		
Agency Ratings	ASTM D 4976-PE235		
	FDA 21 CFR 177.1520(c) 3.1a		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	60.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.0	MPa	ASTM D638
Tensile Elongation ² (Break)	500	%	ASTM D638
Flexural Modulus - Tangent	1270	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ³	< -75.0	°C	ASTM D746A
NOTE			
1.	Type IV, 51 mm/min		
2.	Type IV, 51 mm/min		
3.	Type I		

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Recommended distributors for this material


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