

Marlex® 9515H

High Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

Marlex® 9515H is a High Density Polyethylene material. It is available in Latin America or North America.
Important attributes of Marlex® 9515H are:
Antistatic
Eco-Friendly/Green
Good Stiffness
Hexene Comonomer
High ESCR (Stress Crack Resistant)
Typical applications include:
Containers
Food Contact Applications
Industrial Applications

General Information			
Additive	Antistatic		
Features	Antistatic		
	Durable		
	Good Melt Strength		
	Good Stiffness		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
Uses	Recyclable Material		
Agency Ratings	Containers		
	Industrial Applications		
Agency Ratings	ASTM D 4976-PE235		
	FDA 21 CFR 177.1520(c) 3.1a		
Physical	Nominal Value	Unit	Test Method
Density	0.957	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, F50)	50.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.0	MPa	ASTM D638
Tensile Elongation ² (Break)	800	%	ASTM D638
Flexural Modulus - Tangent ³	1410	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

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Recommended distributors for this material

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