

PRIMATOP HDPE HMW 1000950

High Density (HMW) Polyethylene

Amco Polymers

Message:

PRIMATOP HDPE HMW 1000950 is a High Density (HMW) Polyethylene material. It is available in North America for blow molding.

Important attributes of PRIMATOP HDPE HMW 1000950 are:

- Copolymer
- Food Contact Acceptable
- High ESCR (Stress Crack Resistant)
- Impact Resistant
- Rigid
- Typical applications include:
 - Engineering/Industrial Parts
 - Food Contact Applications
 - Tanks

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Melt Strength		
	High ESCR (Stress Crack Resist.)		
	Medium Rigidity		
Uses	Agricultural Tanks		
	Blow Molding Applications		
	Thick-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	10	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			
F50	> 600	hr	ASTM D1693A
F50	> 600	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.8	MPa	ASTM D638
Tensile Elongation ² (Break)	> 600	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -90.6	°C	ASTM D746
NOTE			

1.	Type IV, 50 mm/min
2.	Type IV, 50 mm/min

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Recommended distributors for this material

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