

PRIMATOP HDPE 006964

High Density Polyethylene

Amco Polymers

Message:

PRIMATOP HDPE 006964 is a High Density Polyethylene material. It is available in North America for blow molding.

Important attributes of PRIMATOP HDPE 006964 are:

Food Contact Acceptable

High Stiffness

Typical applications include:

Bottles

Food Contact Applications

Packaging

General Information			
Features	Food Contact Acceptable		
	High Stiffness		
Uses	Food Packaging		
	Fruit Juice Bottles		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.964	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.65	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	15.0 to 20.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.3	MPa	ASTM D638
Tensile Elongation ² (Break)	> 300	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	> -118	°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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