

Braskem PE HD9601C

High Density Polyethylene

Braskem

Message:

HD9601C is a High Density Polyethylene and high molecular weight suitable for large part blown molded. It offers high ESCR, with excellent balance of hardness and impact strength.

Application:

Large part blown molded.

Process:

Blow Molding.

General Information			
Features	Good Hardness		
	High ESCR (Stress Cracking Resistance)		
	High molecular weight		
	Impact resistance, good		
Uses	Blow molding applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 2.00 mm, 10% Igepal, Compression Molded, F50)	> 250	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant (Compression Molded)	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Impact Strength ¹ (-40°C)	No Break	J/m	ASTM D6110
NOTE			
1.	Compression Molded		

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