

ExxonMobil™ HDPE HD 6733.17

High Density Polyethylene Copolymer Resin

ExxonMobil Chemical

Message:

HD 6733 is an ethane copolymer with narrow molecular weight distribution, which can maximize the speed and yield of injection molding of thin-walled articles. The lower processing temperature is suitable for the production of odorless and tasteless products for food and beverage packaging.

General Information			
Additive	Antioxidation		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	33	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	< 1.00	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.6	MPa	ASTM D638
Flexural Modulus			ASTM D790B
1% secant	1150	MPa	ASTM D790B
2% secant	999	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	23	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, not annealed	71.5	°C	ASTM D648
1.8 MPa, not annealed	43.3	°C	ASTM D648B
Peak Melting Temperature	130	°C	ASTM D3418
Additional Information			

性能基于注塑成型样本.可以修改测试流程以适应操作条件或设施限制.

Legal statement

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