

ExxonMobil™ HDPE HD 6719 Series

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HD 6719 is an ethane copolymer with narrow molecular weight distribution specially developed for various injection molding applications. It has both easy processability and good toughness, and can be ideally used for low warpage, smooth surface and low temperature impact resistance Articles.

General Information			
Additive		HD 6719.62: antistatic property HD 6719.17: oxidation resistance	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	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)	25.7	MPa	ASTM D638
Flexural Modulus			ASTM D790B
1% secant	1270	MPa	ASTM D790B
2% secant	1110	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, not annealed	73.5	°C	ASTM D648
1.8 MPa, not annealed	45.7	°C	ASTM D648B
Peak Melting Temperature	131	°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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