

ExxonMobil™ HDPE HD 9856B

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HD-9856B is a high-density polyethylene blow molding resin used for high-performance packaging purposes. The container made of HD9856B has unique stiffness and environmental stress cracking resistance. These properties, together with excellent processability on continuous and continuous equipment, make it possible to significantly reduce the weight of products in a variety of uses and/or improve their rapid recycling capabilities. The HD-9856B does not contain any antistatic agents.

General Information			
UL YellowCard	E311739-639721		
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	0.957	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.46	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	1100	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	260	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Legal statement			

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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