

ExxonMobil™ HDPE HD 9830.02

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HD 9830.02 is a blow molding grade high density polyethylene copolymer with a bimodal molecular weight distribution. It provides a very good balance of stress crack resistance, stiffness and impact strength with excellent processability due to its next generation branched structure.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	366	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.8	MPa	ASTM D638
Fracture	13.6	MPa	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength (23°C)	265	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -60.0	°C	ASTM D746
Vicat Softening Temperature	127	°C	ASTM D1525
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。

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