

ExxonMobil™ HDPE HMA 035

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HMA 035 is a high density polyethylene grade stable to ultraviolet rays, which is characterized by excellent shape stability, extremely high hardness and good impact strength.

General Information			
Additive	heat stabilizer		
	UV stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 10% Igepal)	4.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/1A/50
Tensile Strain			ISO 527-2/1A/50
Yield	9.0	%	ISO 527-2/1A/50
Fracture	> 100	%	ISO 527-2/1A/50
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	66.0	°C	ISO 75-2/B
Peak Melting Temperature	135	°C	ASTM D3418
Additional Information			
成型性能是使用基于 ISO 294-1 标准的 4 mm(157.5 mil)厚注塑成型试样测定的.1. 0.45 MPa,70 psi 2.ESCR 是基于 2 mm(78.7 mil)厚的模压板(F50,10 % Igepal,50°C,122°F)所测定			
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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