

Paxon™ HYA021L

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HYA021L is a high molecular weight high density polyethylene copolymer. The resin has excellent stress cracking resistance, high impact strength and good hardness.

General Information			
UL YellowCard	E124498-461067		
Additive	heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	< 0.10	g/10 min	ASTM D1238
190°C/21.6 kg	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Flexural Modulus	1370	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength (23°C)	399	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -85.0	°C	ASTM D746
Vicat Softening Temperature	126	°C	ASTM D1525
Legal statement			

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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