

ExxonMobil™ HDPE HYA 600

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HYA 600 is a general-purpose high-density polyethylene resin, which is characterized by a good balance between high processability and hardness, impact strength and high environmental stress cracking resistance.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.35	g/10 min	ASTM D1238
190°C/21.6 kg	29	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal	< 20.0	hr	ASTM D1693
100% Igepal	< 50.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1100	MPa	ASTM D638
Tensile Strength ²			ASTM D638
Yield	23.0	MPa	ASTM D638
100% strain	14.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	> 100	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	9.9	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
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.			
NOTE			
1.	5.0 mm/min		
2.	50 mm/min		
3.	50 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

