

ExxonMobil™ HDPE HD 7957.04

High Density Polyethylene Resin

ExxonMobil Chemical

Message:

HD 7957.04 is a high molecular weight high density polyethylene blown film resin. The film made of HD 7957.04 has excellent impact resistance, toughness and stiffness. HD 7957.04 is especially recommended for films with a thickness of less than 0.5 mils.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	10	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	13	µm	
secant modulus			ASTM D882
1% secant, MD	1250	MPa	ASTM D882
1% secant, TD	1250	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	41.4	MPa	ASTM D882
TD: Yield	35.9	MPa	ASTM D882
MD: Fracture	86.9	MPa	ASTM D882
TD: Fracture	78.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	310	%	ASTM D882
TD: Fracture	370	%	ASTM D882
Dart Drop Impact	280	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	9.0	g	ASTM D1922
TD	17	g	ASTM D1922
Thermal	Nominal Value	Unit	
Melting Temperature	133	°C	
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.

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

