

ExxonMobil™ NTX 101

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

NTX 101 is a hexene copolymer linear low density polyethylene film resin with ultra-high strength. Compared with other hexene copolymers, the film made of NTX 101 has excellent toughness, especially impact strength and tear strength. It can be stably used for blown film extrusion and does not contain a refreshing agent or an opening agent, so it can be well applied to blow-molded wrapping films.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	163	MPa	ASTM D882
1% secant, TD	183	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.10	MPa	ASTM D882
TD: Yield	9.38	MPa	ASTM D882
MD: Fracture	62.6	MPa	ASTM D882
TD: Fracture	50.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	630	%	ASTM D882
TD: Fracture	720	%	ASTM D882
Dart Drop Impact	330	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	460	g	ASTM D1922
TD	600	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	37		ASTM D2457
Haze	17	%	ASTM D1003
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

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

