

ExxonMobil™ LDPE LD 051.LQ

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 051.LQ blown film resin is a grade with fractional melt index, which is used for heavy film applications with high requirements, and has excellent strength performance and excellent processability.

General Information			
UL YellowCard	E116487-219931		
Additive	LD 051.LQ: anti-caking agent (4000 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	184	MPa	ASTM D882
1% secant, TD	244	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.8	MPa	ASTM D882
TD: Yield	10.0	MPa	ASTM D882
MD: Fracture	25.7	MPa	ASTM D882
TD: Fracture	24.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	130	%	ASTM D882
TD: Fracture	570	%	ASTM D882
Dart Drop Impact	190	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	280	g	ASTM D1922
TD	120	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	33		ASTM D2457
Haze	20	%	ASTM D1003
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

