

Technical Data

产品说明

TOTAL Polyethylene Lumicene® M 3581 UV (EU)	<p>Lumicene® mPE M 3581 UV is a second generation metallocene medium density polyethylene (mMDPE) with hexene as comonomer.</p> <p>Lumicene® mPE M 3581 UV is intended for the manufacture of rotomoulded items.</p> <p>Its specific molecular structure ensures:</p> <ul style="list-style-type: none"> • Superior mechanical properties • Outstanding optical properties (gloss) • Improved dimensional stability • Easy processing
InnoPlus LD2426H	<p>InnoPlus LD2426H is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers easy processability, excellent optical property and low gel level.</p> <p>Typical Applications : InnoPlus LD2426H is a very versatile of general purpose films, surface protection film, lamination film, food packaging films, foam sheets and air bubble films.</p> <p>Additives : Slip and Antiblock</p>
InnoPlus LD2420H	<p>InnoPlus LD2420H is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers easy processability, excellent optical property and low gel level.</p> <p>Typical Applications : InnoPlus LD2420H is a very versatile of general purpose films, shrink films, food packaging films and foam applications.</p> <p>Additives : No additives.</p>
InnoPlus LD2426K	<p>InnoPlus LD2426K is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade has well balance property of optical property, mechanical property and processability.</p> <p>Typical Applications : InnoPlus LD2426K is designed for variety of film application such as general purpose film, shrink film, zip bag and food packaging film. In addition, LD2426K is very suitable for liner cap, drinking water cap and vegetable oil cap.</p> <p>Additives : Slip and Antiblock</p>
InnoPlus LD2420F	<p>InnoPlus LD2420F is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers excellent processability for increased extruder outputs, good balance of mechanical and optical properties, exceptional clarity and gloss.</p> <p>Typical Applications : InnoPlus LD2420F is recommended for producing the heavy duty films, agricultural films, shrink films, tubes and small extrusion blow molding containers.</p> <p>Additives : No additives.</p>



总体	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F
生产商/供应商	• TOTAL Refining & Chemicals	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited
通用符号	• mMDPE	• LDPE	• LDPE	• LDPE	• LDPE
材料状态	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效
资料 ¹	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)
搜索 UL 黄卡	• TOTAL Refining & Chemicals	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited	• PTT Global Chemical Public Company Limited
供货地区	• 欧洲	• 亚太地区	• 亚太地区	• 亚太地区	• 亚太地区
添加剂	--	• 抗结块剂 • 增滑剂	--	• 抗结块剂 • 增滑剂	--
特性	• Good Gloss • 光学性能 • 己烯共聚单体 • 可加工性，良好 • 中等密度	• 低密度 • 低速凝固晶点 • 光滑性 • 光学性能 • 抗结块性 • 可加工性，良好	• 低密度 • 低速凝固晶点 • 光学性能 • 可加工性，良好	• 低密度 • 光滑性 • 抗结块性	• 低密度 • 高光 • 可加工性，良好 • 清晰度，高
用途	--	• 薄膜 • 层压板 • 食品包装 • 微泡沫薄板	• 薄膜 • 泡沫 • 食品包装 • 收缩性薄膜	• 薄膜 • 衬里 • 袋子 • 护罩 • 食品包装 • 收缩性薄膜	• Blown Containers • 薄膜 • 管件 • 农业应用 • 收缩性薄膜
机构评级	• EC 1907/2006 (REACH) --	--	--	--	--
RoHS 合规性	• RoHS 合规	• RoHS 合规	• RoHS 合规	• RoHS 合规	• RoHS 合规
形式	• 粒子	• 粒子	• 粒子	• 粒子	• 粒子
加工方法	• 滚塑成型	• 薄膜挤出 • 吹塑薄膜	• 薄膜挤出 • 吹塑薄膜	• 薄膜挤出 • 吹塑薄膜	• 薄膜挤出 • 吹塑薄膜 • 挤出吹塑成型

物理性能	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	测试方法
密度	0.935	0.924	0.924	0.924	0.922	g/cm ³	ISO 1183
熔流率 (熔体流动速率)							ISO 1133
190°C/2.16 kg	6.0	1.9	1.9	4.0	0.75	g/10 min	
190°C/21.6 kg	140	--	--	--	--	g/10 min	



机械性能	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	测试方法
拉伸模量	--	260	260	260	260	MPa	ISO 527-2
拉伸应力							ISO 527-2
屈服	18.0	11.0	11.0	11.0	11.0	MPa	
断裂	11.0	--	--	--	--	MPa	
拉伸应变 (断裂)	> 700	--	--	--	--	%	ISO 527-2
弯曲模量	700	--	--	--	--	MPa	ISO 178
薄膜	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	测试方法
薄膜厚度 - 经测试	--	50	50	50	50	µm	
拉伸应力							ISO 527-3
MD : 断裂, 50 µm, 吹塑薄膜	--	23.0	23.0	20.0	25.0	MPa	
TD : 断裂, 50 µm, 吹塑薄膜	--	20.0	20.0	18.0	23.0	MPa	
伸长率							ISO 527-3
MD : 断裂, 50 µm, 吹塑薄膜	--	500	500	500	400	%	
TD : 断裂, 50 µm, 吹塑薄膜	--	700	700	630	700	%	
落锤冲击 (50 µm, 吹塑薄膜)	--	150	140	120	170	g	ASTM D1709
热性能	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	测试方法
维卡软化温度							
--	--	93.0	93.0	93.0	94.0	°C	ASTM D1525
--	121	--	--	--	--	°C	ISO 306
熔融温度	123	110	110	110	112	°C	ISO 11357-3
光学性能	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	测试方法
光泽度 (20°, 50.0 µm, 吹塑薄膜)	--	80	80	80	60		ASTM D2457
雾度 (50.0 µm, 吹塑薄膜)	--	7.0	6.0	8.0	6.0	%	ASTM D1003
挤出	TOTAL Polyethylene Lumicene® M 3581 UV (EU)	InnoPlus LD2426H	InnoPlus LD2420H	InnoPlus LD2426K	InnoPlus LD2420F	单位制	
熔体温度	--	160 到 200	160 到 200	150 到 190	170 到 220	°C	



备注

¹ 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

² 一般属性：这些不能被视为规格。



购买地点

供应商	
TOTAL Polyethylene Lumicene® M 3581 UV (EU)	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
InnoPlus LD2426H	PTT Global Chemical Public Company Limited , Thailand 电话: +66-2-348-6316 Web: http://www.innoplus.co.th/th/home.aspx
InnoPlus LD2420H	PTT Global Chemical Public Company Limited , Thailand 电话: +66-2-348-6316 Web: http://www.innoplus.co.th/th/home.aspx
InnoPlus LD2426K	PTT Global Chemical Public Company Limited , Thailand 电话: +66-2-348-6316 Web: http://www.innoplus.co.th/th/home.aspx
InnoPlus LD2420F	PTT Global Chemical Public Company Limited , Thailand 电话: +66-2-348-6316 Web: http://www.innoplus.co.th/th/home.aspx
分销商	
TOTAL Polyethylene Lumicene® M 3581 UV (EU)	Nexeo Solutions - Europe Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country. 电话: +34-93-480-9125 Web: http://www.nexeosolutions.com/ 供货地区: Belgium, Czech Republic, Denmark, Finland, Ireland, Luxembourg, Netherlands, Norway, Sweden, United Kingdom
	Plastribution 电话: +44-845-345-4560 Web: http://www.plastribution.co.uk/ 供货地区: United Kingdom
InnoPlus LD2426H	请联系供应商以便为 InnoPlus LD2426H 查找分销商
InnoPlus LD2420H	请联系供应商以便为 InnoPlus LD2420H 查找分销商
InnoPlus LD2426K	请联系供应商以便为 InnoPlus LD2426K 查找分销商
InnoPlus LD2420F	请联系供应商以便为 InnoPlus LD2420F 查找分销商

