

# D6007

Rubber Modified High Impact Polystyrene  
 高抗冲聚苯乙烯

Typical Applications 典型应用	Features 特点
Refrigerator liners 适用于冰箱内胆	Excellent Environmental Stress Crack Resistance (ESCR) to oily foods and aggressive chemicals. Excellent deep draw thermoforming capability. High impact properties at low temperatures. Good practical toughness. 高抗冲性，与油脂食物或化学品接触时具有良好的耐环境应力开裂，良好的韧性，具有良好的挤出加工性能

Property <sup>1</sup>	Test Method	English <sup>2</sup>		SI <sup>2</sup>		Metric <sup>2</sup>	
		Value	unit	Value	unit	Value	unit
Specific Gravity 比重	D792	1.03	g/cm <sup>3</sup>	1.03	g/cm <sup>3</sup>	1.03	g/cm <sup>3</sup>
Melt Flow, 200°C / 5kg 熔体流动速率	D1238	3.2	g/10min	3.2	g/10min	3.2	g/10min
Izod Impact, 1/4" Notched @23°C 缺口冲击强度	D256	1.9	ft-lb/in	101	J/m	10.4	kg-cm/cm
Izod Impact, 1/8" Notched @23°C 缺口冲击强度	D256	2.2	ft-lb/in	117	J/m	12	kg-cm/cm
Vicat Soften Temperature 维卡软化温度	D1525	216	°F	103	°C	103	°C
Tensile Yield 拉伸屈服强度	D638	2800	psi	19	MPA	200	kg/cm <sup>2</sup>
Tensile Rupture 拉伸断裂强度	D638	2700	psi	19	MPA	190	kg/cm <sup>2</sup>
Tensile Elongation 拉伸断裂伸长率	D638	65	%	65	%	65	%
UL 94 Classification 可燃性		HB		HB		HB	
ESCR		>200min					

<sup>1</sup> Physical properties were determined on specimens at 23 °C (73 °F) and 50% relative humidity unless otherwise specified. 除非另有说明，以上物理特性都是样品在23°C(73°F)和50%相对湿度下测定的。

<sup>2</sup> Typical values indicate median laboratory results and are listed as general reference information, not material specification limits.  
标准值是实验室测试的中间值结果，作为一般的参考信息，不是材料的规格限定。

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## FDA

Longli Grand D6007 natural complies with U.S. Food Additive Regulation 21 CFR 177.1640 for polystyrene and rubber modified polystyrene, which states that such materials may be used in articles that contact foods, subject to any limitations described in the regulations. The regulation and specific Longli Grand certification letters should be consulted for full details.  
本公司的D6007符合美国食品添加剂条例21CFR177.1640中对聚苯乙烯和高抗聚苯乙烯的规定，指出这样的产品在规定的限制条件下可用于接触食品的商品。参考相关规定和龙利钜能的证明书，以获取全面信息。

## MEDICAL APPLICATION CAUTION: 医疗使用注意事项

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