

MC3100

Transparent GPPS MC3100
透明级聚苯乙烯

Typical Applications 典型应用	Features 特点
Compact disc jewel boxes, consumer containers, vials, jars etc, Audio cassettes 快速成型和高透明度产品，如小玻璃瓶，CD片、宝石盒和冰箱果盒	Fsat cycling due to high heat distortion temperature resistance. Excellent clarity, good toughness and easy molding processability. 耐热，良好的模塑性，高透明度，适用于注塑

Property ¹	Test Method	English ²		SI ²		Metric ²	
		Value	unit	Value	unit	Value	unit
Specific Gravity 比重	D792	1.04	g/cm ³	1.04	g/cm ³	1.04	g/cm ³
Melt Flow, 200°C / 5kg 熔体流动速率	ASTM D1238	3	g/10min	3	g/10min	3	g/10min
Izod Impact, 1/4" Notched @23°C 缺口冲击强度	D256	0.25	ft-lb/in	13	J/m	1.4	kg-cm/cm
Izod Impact, 1/8" Notched @23°C 缺口冲击强度	D256	0.4	ft-lb/in	19	J/m	1.9	kg-cm/cm
Vicat Soften Temperature 维卡软化温度	D1525	226	°F	108	°C	108	°C
Tensile Yield 拉伸屈服强度	D638	7800	psi	54	MPA	550	kg/cm ²
Tensile Rupture 拉伸断裂强度	D638	7800	psi	54	MPA	550	kg/cm ²
Tensile Elongation 拉伸断裂伸长率	D638	4.5	%	4.5	%	4.5	%
Tensile Modulus 拉伸模量	D638	460000	psi	3170	MPA	32300	kg/cm ²
Flexural Modulus 弯曲模量	D790B	450000	psi	3100	MPA	31600	kg/cm ²
UL 94 Classification 可燃性		HB		HB		HB	

¹Typical 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 MC3100 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MC3100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

Do not use this material in medical applications involving permanent implantation in the human body or permanent contact with internal body fluids or tissues.

本材料不可用于医疗上永久植入人体或与体液、组织长久接触。

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