

# MA5210

Rubber Modified High Impact Polystyrene  
 高抗冲聚苯乙烯

Typical Applications 典型应用	Features 特点
Fast cycling molding application like TV housing, Air conditioner, Video housing, instruments, home and office applications. 具有快速模压成型、耐磨性好的产品，如电视机、空调、音响、录像带外壳、小型仪表、家庭和办公用品	High impact properties, high heat distortion temperature resistance. Good scratch resistance. Excellent molding processability. 高抗冲，抗热扭曲，耐磨，良好的注塑加工性能

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	4	g/10min	4	g/10min	4	g/10min
Izod Impact, 1/4" Notched @23°C 缺口冲击强度	D256	1.8	ft-lb/in	96	J/m	9.8	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	217	°F	103	°C	103	°C
Tensile Yield 拉伸屈服强度	D638	4600	psi	32	MPA	323	kg/cm <sup>2</sup>
Tensile Rupture 拉伸断裂强度	D638	4000	psi	28	MPA	280	kg/cm <sup>2</sup>
Tensile Elongation 拉伸断裂伸长率	D638	50	%	50	%	50	%
Tensile Modulus 拉伸模量	D638	330000	psi	2270	MPA	23200	kg/cm <sup>2</sup>
Flexual Modulus 弯曲模量	D790	330000	psi	2280	MPA	23200	kg/cm <sup>2</sup>
UL 94 Classification 可燃性		HB		HB		HB	

<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 MA5210 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MA5210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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