

PLEXIGLAS® Hi-Gloss NTA-1

产品概述:

宝克力® 高光泽NTA-1是一种具有高热变形温度基于PMMA的抗冲改性模塑料。

除了具有PLEXIGLAS® 模塑料常见的性能:

- 良好的流动性
- 高耐刮擦性
- 强耐候性
- 高光泽度

PLEXIGLAS® Hi-Gloss NTA-1 特殊性能如下:

- 较高的抗冲强度
- 较高的负载下热变形温度

应用:

PLEXIGLAS® Hi-Gloss NTA-1 尤其适合于注塑件。

由于材料的高亮度特性，注塑所得的非透明注塑件，能获得高光泽度（A等级）的表面。

应用实例:

汽车车身外饰件，反射镜外壳，立柱板，扰流板

加工方法:

PLEXIGLAS® 高光泽NTA-1 可用常见的三段式注塑机注塑成型为工程用的热塑性塑料

模塑料物理形态/包装:

PLEXIGLAS® 高光泽NTA-1 模塑料成品是粒径均匀的粒料，以聚乙烯袋每25公斤包装或以配有聚乙烯内衬的箱子每500公斤包装；也可应顾客要求包装。

产品性能参数:

	测试参数	单位	测试标准	NTA-1
力学性能				
拉伸模量	1 mm/min	MPa	ISO 527	2700
屈服应力	50 mm/min	MPa	ISO 527	68
屈服应变	50 mm/min	%	ISO 527	5
断裂伸长率		%	ISO 527	10
卡毕冲击强度	23 °C	kJ/m ²	ISO 179/1eU	33
热性能				
维卡软化温度	B / 50	°C	ISO 306	110
玻璃化转变温度		°C	ISO11357	120
负载下的热变形温度	0.45 MPa	°C	ISO 75	103
负载下的热变形温度	1.8 MPa	°C	ISO 75	102
耐火等级			DIN 4102	B2
灼热丝起燃性温度		°C	IEC 60695-2	675
流变性能				
熔体流动速率, MVR	230°C / 3.8 kg	cm ³ /10 min	ISO1133	3
其他性能				
密度		g/cm ³	ISO 1183	1.18
吸水率		%	ISO 62	>3
推荐加工条件				
预干燥温度		°C		最高 100
干燥时间		h		2-3
熔化温度		°C		220-250
模温 (注塑温度)		°C		50-85

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The Business Unit Performance Polymers of Evonik is a worldwide manufacturer of PMMA molding compounds sold under the PLEXIGLAS® trademark on the European, Asian, African and Australian Continent and under the trademark ACRYLITE® in the Americas.

® = registered trademark

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