POM

MC90

总览/Overview

特点/Description	• 高刚性/High rigidity	• 高耐磨/High wear resistance	• 中流动/Medium flowability
应用/Application	• 工程构件/Engineering components	• 齿轮/Gears	• 机械零件/Mechanical parts

特性 Properties	测试标准 Test Standard	单位 Units	典型值 Typical Value
熔融指数 Melt flow index	ASTM D1238	g/10min	9±1
硬度（M） Hardness (Rockwell M)	ASTM D 785	-	75
弯曲强度 Flexural strength	ASTM D790	MPa	85
弯曲模量 Flexural modulus	ASTM D790	MPa	2700
抗拉强度 Flexural modulus	ASTM D638	MPa	62
断裂伸长率 Elongation at break	ASTM D638	%	45
悬臂梁缺口冲击强度 Izod impact strength (notched)	ASTM D256	KJ/m²	6.5
水分吸收率 Water absorption	ASTM D570	%	0.22
收缩率 Molding shrinkage	-	%	1.8-2.2

a. 以上数据为本色料的数据，染色料的性能数据可能与以上数据不一样。The above data is for the original color material, and the properties of the dyeing material may differ from theabove data.

b. 典型值是指实验室的平均数据，仅用于使用时参考，不作为产品标准。Typical values refer to the average data of the laboratory, which are only used as reference and are not used as product standards.

以上数值仅供参考使用，可根据制品大小、厚度以及产品要求做出调整　The above values are only for reference, and can be adjusted according to the size, thickness and requirements of the product.

Note:
1. 生产及操作时避免树脂接触到灰尘及杂物。 The resin should not contact with dust and sundries in processing.
2. 在射出周期中勿将热融胶长期停留在加热管中。 Do not Stay the resin in the heating tube for a long time during the injecting cycle.
3. 热浇道之系统温度不宜过高以免材料劣化。 The temperature of the hot runner should not be too high to avoid material degradation.
4. 加工的高温过程的水分控制是保证制品质量的关键之一。 The moisture control is one of the keys to ensure the quality of products in processing

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