XINYITE

FOCUS ON ENGINEERING PLASTICS SINCE 1999

PC/PBT V0

MAIN FEATURES 主要特性：

-Strong Fire resistance 强阻燃性

- High Rigidity/Dimensional stability 高刚性，尺寸稳定性强

TYPICAL APPLICATIONS 主要运用：

-Automotive parts, electrical parts etc. 汽车部件, 电子电器部件等

※TECHNICAL DATA SHEET 性能表

PROPERTIES 性能	METHOD ISO 测试方法 ISO	TEST CONDITION 测试条件	UNITS 单位	Typical Values 参考值
Physical Properties 物理性能				
Specific Gravity 比重	ASTM D792	23℃	g/cm3	1.30
Melt Flow Index 熔融指数	ISO1133	250°C/2.16kg	g/10min	4.20
Mold Shrinkage 收缩率	ORD	23℃	%	1.0-1.4
Mechanical Properties 机械性能				
Tensile Strength 拉伸强度	ASTM D638	50mm/min	Mpa	50
Elongation 伸长率	ASTM D638	50mm/min	%	40
Flextural Strength 弯曲强度	ASTM D790	2mm/min	Mpa	65
Flextural Modulus 弯曲模量	ASTM D790	2mm/min	Mpa	200
IZOD Impact Strength Notched at 23℃ 悬臂缺口冲击	ASTM D256	23℃	J/m	700
Thermal Properties 热性能				
Heat Distortion Temp 热变形温度	ASTM D648	0.45MPa	℃	95
Flammability 阻燃性	UL94	1.6mm		V0
Processing Conditions 参考工艺				**Range 范围**
Mould temperature, injection moulding 模温			℃	50-75
Melt temperature, injection moulding 注塑温度			℃	240-270
Injection Speed 注塑速率				Slow to Moderate 慢速至中速
Dry Requirements/Time 干燥温度/时间				120℃，3-4hr

STORAGE 储存方法

Bags should be stored in dry/closed conditions at temperatures below 50℃ and protected from UV/direct sunlight. 材料应在低于50℃的干燥/封闭条件下储存并避免紫外线/阳光直射。

※ *Typical values refer to laboratory average data and are used only for time-based references not as product standards. All values are tested under the conidtion as temperature 23 ℃,55% humidity andcooling down after 24h.*

典型值参考实验室平均数据，仅用于参考，不作为产品标准。所有测试数值均在温度为23℃，55%湿度，24小时后冷却后的条件下进行。