XINYITE

FOCUS ON ENGINEERING PLASTICS SINCE 1999

XYT-PP GF20

MAIN FEATURES:

- 10% Glass fiber reinforced
- Injection Moulding

TYPICAL APPLICATIONS:

-Household appliance; Vacuum cleaner outer parts etc

※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	ISO 1183	23℃	g/cm3	0.97
Mold Shrinkage 收缩率	ISO2577	23℃	%	0.8-1.2
Ash Content 灰分	ISO3451	-	%	10
Mechanical Properties 机械性能				
Tensile Strength 拉伸强度	ISO527	50mm/min	Mpa	50
Elongation 伸长率	ISO527	50mm/min	%	1
Flextural Strength 弯曲强度	ISO178	2mm/min	Mpa	60
Flextural Modulus 弯曲模量	ISO178	2mm/min	Mpa	2500
IZOD Impact Strength Notched at 23℃ 悬臂缺口冲击	ISO180	23℃	KJ/㎡	6
Thermal Properties 热性能				
Heat Distortion Temp 热变形温度	ISO75-2	0.45MPa	℃	140
Flammability 阻燃性	UL94	1.6mm 3.2mm		HB HB
Processing Conditions 参考工艺				**Range 范围**
Mould temperature, injection moulding 模温			℃	30-60°C
Processing Temp. Limit 加工温度上限			℃	260℃
Melt temperature, injection moulding 注塑温度			℃	180-240℃
Injection Speed 注塑速率			℃	Slow to Moderate 慢速至中速
Dry Requirements/Time 干燥温度/时间			Hr	80-100℃，2hr

STORAGE 储存方法

Bags should be stored in dry/closed conditions at temperatures below 50℃ and protected from UV/direct sunlight.

※ 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.