XYT-PA66 GF25

MAIN FEATURES:

1. Extrusion grade, Black color
2. High strength and Rigidity, Low thermal conductivity, temperature resistance, chemical resistance

TYPICAL APPLICATIONS:

-Profiles, Thermal Barrier Strip.

※TECHNICAL DATA SHEET 性能表

PROPERTIES 性能	METHOD ASTM 测试方法ASTM	TEST CONDITION 测试条件	UNITS 单位	TYPICAL VALUES 参考值
Physical Properties 物理性能				
Specific Gravity 比重	D792	23℃	g/cm3	1.33±0.02
Mold Shrinkage 收缩率	D955	23℃	%	0.4-0.8
Ash Content 灰分	D5630	-	%	25±1
Mechanical Properties 机械性能				
Tensile Strength 拉伸强度	D638	50mm/min	Mpa	120±10
Elongation 伸长率	D638	50mm/min	%	9±1
Flextural Strength 弯曲强度	D790	2mm/min	Mpa	150±10
Flextural Modulus 弯曲模量	D790	2mm/min	Mpa	6500±200
IZOD Impact Strength Notched at 23℃ 悬臂缺口冲击	D256	23℃	J/M	100±10
Thermal Properties 热性能				
Heat Distortion Temp 热变形温度	D648	0.45MPa	℃	240
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			℃	40-80℃
Processing Temp. Limit 加工温度上限			℃	320℃
Melt temperature, injection moulding 注塑温度			℃	220-260℃
Injection Speed 注塑速率			℃	Slow to Moderate 慢速至中速
Dry Requirements/Time 干燥温度/时间			Hr	100-120℃，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.