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XINYITE

FOCUS ON ENGINEERING PLASTICS SINCE 1999

XYT-AS30GFNH

MAIN FEATURES:

- 30% Glass fiber reinforced
- Injection Moulding
- High Impact, Low mould shrinkage

TYPICAL APPLICATIONS:

-Household appliance use, Cross flow Fan, Axial flow fan blade and other AC parts.

※TECHNICAL DATA SHEET 性能表				Typical Values 参考值
PROPERTIES 性能	METHOD 测试方法ASTM	TEST CONDITION 测试条件	UNITS 单位	AS 30GF
Physical Properties 物理性能				
Specific Gravity 比重	D792	23℃	g/cm3	1.29-1.30
Mold Shrinkage 收缩率	D955	23℃	%	0.1-0.3
Filler Content 填充物含量	ISO3451	23℃	%	30
Mechanical Properties 机械性能				
Tensile Strength 拉伸强度	D638	10mm/min	Mpa	110
Elongation 伸长率	D638	10mm/min	%	3-4
Flextural Strength 弯曲强度	D790	2mm/min	Mpa	165-175
Flextural Modulus 弯曲模量	D790	2mm/min	Mpa	7500-8000
IZOD Impact Strength Notched at 23℃ 悬臂缺口冲击	D256	3.2mm, 23℃	J/m	60
Thermal Properties 热性能				
Heat Distortion Temp 热变形温度	D648	0.45MPa	℃	104
Flammability 阻燃性	UL94	1.6mm 3.2mm		HB
Processing Conditions 参考工艺				**Range 范围**
Mould temperature, injection moulding 模温			℃	50-80℃
Processing Temp. Limit 加工温度上限			℃	250℃
Barrel Temp. 料筒温度			℃	200-230℃
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℃，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.