XYT-AS GF20

MAIN FEATURES:

- 20% Glass Fiber Reinforced
- Injection Moulding Grade
- High Rigidity, Dimensional Stability

TYPICAL APPLICATIONS:

-Air Condition Cross Fan

※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	1.20
Melt Flow Index 熔融指数	ISO1133	230°C/2.16kg	g/10min	15.00
Mold Shrinkage 收缩率	ISO2577	23℃	%	0.1-0.3
Filler Content 填充物含量	ISO3451	-	%	20
Mechanical Properties 机械性能				
Tensile Strength 拉伸强度	ISO527	50mm/min	Mpa	113
Elongation 伸长率	ISO527	50mm/min	%	6
Flextural Strength 弯曲强度	ISO178	2mm/min	Mpa	150
Flextural Modulus 弯曲模量	ISO178	2mm/min	Mpa	7000
IZOD Impact Strength Notched at 23℃ 悬臂缺口冲击	ISO180	23℃	KJ/㎡	5.9
Thermal Properties 热性能				
Heat Distortion Temp 热变形温度	ISO75-2	0.45MPa	℃	102
Flammability 阻燃性	UL94	1.6mm	CLASS	HB
		3.2mm	CLASS	HB

Processing Conditions 参考工艺		**Start Point 典型值**	**Range 范围**
熔体温度 Melt Temp.		220℃	210-250℃
料筒温度 Barrel Zone Temp.	后段，Rear	200℃	190-210℃
	中段，Center	210℃	200-220℃
	前段，Front	220℃	210-230℃
模具温度 Mold Temp.		60℃	50-80℃
加工温度上限 Processing Temp. Limit		250℃	
注塑速度 Injection Speed		低速到中速 Slow to Moderate	
背压 Back Pressure		低速	
预干燥 Pre-Dry Requirements		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.