Vydyne® AG6ST01

Ascend Performance Materials Operations LLC - *Polyamide 66*

General Information

Product Description

Vydyne AG6ST01 is a 30% glass fiber reinforced, impact modified PA66 for injection molded applications.

General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight	
Additive	• Impact Modifier	• Mold Release
Features	• General Purpose	• Impact Modified
Agency Ratings	• ISO 1043 PA66 I GF30	
Appearance	• Natural Color	
Forms	• Pellets	
Processing Method	• Injection Molding	
Resin ID	• PA66-I-GF30	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (73°F)	1.07E+6	psi	ISO 527-1
Tensile Stress (Break, 73°F)	18900	psi	ISO 527-2
Tensile Strain (Break, 73°F)	4.0	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (73°F)	5.7	ft·lb/in²	ISO 180/1A

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	167 to 185	°F
Drying Time	4.0	hr
Suggested Max Moisture	0.20	%
Rear Temperature	500 to 536	°F
Middle Temperature	518 to 536	°F
Front Temperature	518 to 554	°F
Processing (Melt) Temp	518 to 554	°F
Mold Temperature	140 to 194	°F

Notes

[1] Typical properties: these are not to be construed as specifications.

塑料专家 www.ponci.com.cn/wxb/ +13538586433 +18816996168