

Vydyne® AG6ST01

polyamide 66



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

General

Regional Availability	• North America • Europe
Additive	• Release agent
Features	• General Purpose
Agency Rating	• ISO, 1043 PA66 I GF30
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Physical

	dry	cond.	Unit	Test Standard
Density	1.36	-	g/cm ³	ISO 1183

Mechanical

	dry	cond.	Unit	Test Standard
Tensile Modulus (23°C)	7400	-	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	130	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	4	-	%	ISO 527-2

Impact

	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	12	-	kJ/m ²	ISO 180/1A

Injection

	Value	Unit
Drying Temperature	75 - 85	°C
Drying Time	4	h
Suggested Max Moisture	0.2	%
Rear Temperature	260 - 280	°C
Middle Temperature	270 - 280	°C
Front Temperature	270 - 290	°C
Processing (Melt) Temperature	270 - 290	°C
Mold Temperature	60 - 90	°C

