

Vydyne® PA6620FA

 Ascend Performance Materials Operations LLC - *Polyamide 66*
General Information
Product Description

Vydyne PA6620FA is a 20% aramid fiber reinforced PA66 for injection molded applications.

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Aramid Fiber, 20% Filler by Weight
Additive	• Lubricant • Mold Release
Features	• Lubricated
Agency Ratings	• ISO 1043 PA66 AF20
Forms	• Pellets
Processing Method	• Injection Molding
Resin ID	• PA66-AF20

Properties ¹

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	12300	psi	ISO 527-2
Flexural Modulus (73°F)	580000	psi	ISO 178
Flexural Stress (73°F)	17700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	2.4	ft·lb/in ²	ISO 180/1A
Unnotched Izod Impact Strength (73°F)	19	ft·lb/in ²	ISO 180/1U

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	4.0	hr
Suggested Max Moisture	0.20	%
Rear Temperature	509 to 527	°F
Middle Temperature	518 to 536	°F
Front Temperature	518 to 536	°F
Processing (Melt) Temp	518 to 536	°F
Mold Temperature	140 to 212	°F

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