

Vydyne® PA6620FA

polyamide 66



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

General

Regional Availability	• North America	• Europe
Additive	• Lubricant	• Release agent
Features	• Lubricated	
Agency Rating	• ISO, 1043 PA66 AF20	
Forms	• Pellets	
Processing Method	• Injection Molding	

Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Yield, 23°C)	85	-	MPa	ISO 527-2
Flexural Modulus (23°C)	4000	-	MPa	ISO 178
Flexural Strength (23°C)	122	-	MPa	ISO 178

Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	5	-	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength, +23°C	40	-	kJ/m ²	ISO 180/1U

Injection	Value	Unit
Drying Temperature	80	°C
Drying Time	4	h
Suggested Max Moisture	0.2	%
Rear Temperature	265 - 275	°C
Middle Temperature	270 - 280	°C
Front Temperature	270 - 280	°C
Processing (Melt) Temperature	270 - 280	°C
Mold Temperature	60 - 100	°C

