

Vydyne® PA66C D61

polyamide 66



Vydyne PA66C D61 is a PTFE/silicone oil self-lubricated, unreinforced, PA66 for injection molded applications.

General

Regional Availability	• North America	• Europe
Additive	• Release agent	
Agency Rating	• ISO, 1043 PA66+PA6 SG	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	dry	cond.	Unit	Test Standard
Density	1.21	-	g/cm ³	ISO 1183

Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Yield, 23°C)	65	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	10	-	%	ISO 527-2
Flexural Modulus (23°C)	2200	-	MPa	ISO 178
Flexural Strength (23°C)	85	-	MPa	ISO 178

Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	6.5	-	kJ/m ²	ISO 180/1A

Injection	Value	Unit
Drying Temperature	70 - 90	°C
Drying Time	4	h
Suggested Max Moisture	0.2	%
Rear Temperature	260 - 280	°C
Middle Temperature	260 - 280	°C
Front Temperature	260 - 280	°C
Nozzle temperature	260 - 280	°C
Processing (Melt) Temperature	260 - 280	°C
Mold Temperature	60 - 90	°C

