

Product Texts

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

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Yield stress	85 / -	MPa	ISO 527
Flexural modulus, 23°C	4000 / -	MPa	ISO 178
Flexural strength	122 / -	MPa	ISO 178
Izod impact strength, +23°C	40 / -	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5 / -	kJ/m ²	ISO 180/1A

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	270 - 280	°C	-
Mold temperature	60 - 100	°C	-
Zone 1	265 - 275	°C	-
Zone 2	270 - 280	°C	-
Zone 3	270 - 280	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants, Release agent

Delivery form

Pellets

Regional Availability

North America, Europe