

DENYL 66 5010

Polyamide 66

Vamp Tech

PROSPECTOR®

www.ulprospector.com

Technical Data

Product Description

PA66 resin 50% glass fiber reinforced for injection moulding

General

Material Status • Commercial: Active

Search for UL Yellow Card • Vamp Tech

Availability • Africa & Middle East • Europe • North America
• Asia Pacific • Latin America

Filler / Reinforcement • Glass Fiber, 50% Filler by Weight

Processing Method • Injection Molding

Physical

	Nominal Value Unit	Test Method
Density	1.56 g/cm ³	ISO 1183
Molding Shrinkage		ASTM D955
Flow	0.20 %	
Across Flow	0.50 %	

Mechanical

	Nominal Value Unit	Test Method
Tensile Modulus	17000 MPa	ISO 527-2
Tensile Stress (Break)	220 MPa	ISO 527-2
Tensile Strain (Break)	2.5 %	ISO 527-2

Impact

	Nominal Value Unit	Test Method
Notched Izod Impact Strength	12 kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	80 kJ/m ²	ISO 180

Thermal

	Nominal Value Unit	Test Method
Deflection Temperature Under Load		ASTM D648
1.8 MPa, Unannealed	255 °C	
Continuous Use Temperature	140 °C	
Vicat Softening Temperature	255 °C	ASTM D1525 ²

Injection

	Nominal Value Unit
Drying Temperature	100 °C
Drying Time	3.0 hr
Processing (Melt) Temp	280 °C
Mold Temperature	100 °C

Notes

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

² Loading 2 (50 N)



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Where to Buy

Supplier

Vamp Tech

Busnago, Italy

Telephone: +39-39-695-7821

Web: <http://www.vamptech.com/>

Distributor

Please contact the supplier to find a distributor for DENYL 66 5010

