

**Denyl 6 5010**

PA6-GF50

VAMP TECH SPA

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.005</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Izod impact strength, +23°C	<b>74</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>16</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	<b>13000</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>200</b>	MPa	ASTM D 638
Elongation at Break	<b>3</b>	%	ASTM D 638
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>212</b>	°C	ASTM D 648
Vicat Temperature	<b>212</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1550</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>90</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Melt temperature	<b>260</b>	°C	-
Mold temperature	<b>100</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe