

**Deniter 3010**

PBT-GF30

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Izod impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	8500	MPa	ASTM D 638
Tensile Strength at Yield	130	MPa	ASTM D 638
Elongation at Break	3.3	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	210	°C	ASTM D 648
Vicat Temperature	210	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1510	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	3	h	-
Melt temperature	260	°C	-
Mold temperature	90	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe