

Denyl 66 1510

PA66-GF15

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	30	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	5500	MPa	ASTM D 638
Tensile Strength at Yield	110	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	5000	MPa	ASTM D 790
Flexural Strength	180	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	245	°C	ASTM D 648
Vicat Temperature	250	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	275	°C	-
Mold temperature	90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe