

Denyl 6 0037 ST

(PA6+TPE)

VAMP TECH SPA

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	60	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	1600	MPa	ASTM D 638
Tensile Strength at Yield	40	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	1500	MPa	ASTM D 790
Flexural Strength	60	MPa	ASTM D 790
Thermal properties			
ASTM Data			
DTUL @ 264 psi	50	°C	ASTM D 648
Vicat Temperature	160	°C	ASTM D 1525
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1060	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	250	°C	-
Mold temperature	70	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

High impact or impact modified