Vampamid 66 3530 V0 P 60

PA66-GF35 VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	**0.005**	mm/mm	ASTM D 955
Mold Shrinkage, TD	**0.008**	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	**50**	kJ/m²	ISO 180/1U
Izod notched impact strength, +23°C	**9**	kJ/m²	ISO 180/1A
ASTM Data			
Tensile Modulus	**9500**	MPa	ASTM D 638
Tensile Strength at Yield	**130**	MPa	ASTM D 638
Elongation at Break	**2.5**	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	**V-0**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-
Burning behav. at thickness h	**V-0**	class	IEC 60695-11-10
Thickness tested	**3.2**	mm	-
ASTM Data			
DTUL @ 264 psi	**240**	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	**600**	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	**1400**	kg/m³	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

Special Characteristics
Flame retardant

Certifications
RoHS compliant

Regional Availability
Europe

Copyright Altair Engineering GmbH. Altair Engineering GmbH assumes no liability for the system to be free of errors. The user takes sole responsibility for the use of this data under the exclusion of every liability from Altair Engineering GmbH; this is especially valid for claims of compensation resulting from consequential damages. Altair explicitly points out that any decision about the application of materials must be double checked with the producer of this material. This includes all contents of this system. Copyright laws are applicable for the content of this system.