

Vampson L 4010

PPS-GF40

VAMP TECH SPA

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	6	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	16000	MPa	ASTM D 638
Tensile Strength at Yield	160	MPa	ASTM D 638
Elongation at Break	1.5	%	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	260	°C	ASTM D 648
Vicat Temperature	255	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1650	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	3	h	-
Melt temperature	320	°C	-
Mold temperature	140	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Certifications

RoHS compliant

Regional Availability

Europe