

Vampson B 3010
(PPS+PBT)-GF30

VAMP TECH SPA

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	25	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	12000	MPa	ASTM D 638
Tensile Strength at Yield	130	MPa	ASTM D 638
Elongation at Break	1.4	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	255	°C	ASTM D 648
Vicat Temperature	245	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1570	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	290	°C	-
Mold temperature	120	°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