



Deniter 3010

PBT-GF30

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	0.009	mm/mm	ASTM D 955
Density, 73°F	1510	kg/m³	ASTM D 792

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Notched Impact Strength (Izod), 23°C	12	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	60	kJ/m²	ISO 180/1U
ASTM Data			
Tensile Modulus	8500	MPa	ASTM D 638
Tensile Strength at Yield	130	MPa	ASTM D 638
Elongation at Break	3.3	%	ASTM D 638

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648
Vicat Temperature	210	°C	ASTM D 1525

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	3	h	-
Melt temperature	260	°C	-
Mold temperature	90	°C	-

Characteristics

Processing

Injection Molding