

Denistat Y 30GC 04

PA66-(CF+GF)30

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	0.01	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Izod impact strength, +23°C	55	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	12000	MPa	ASTM D 638
Tensile Strength at Yield	185	MPa	ASTM D 638
Elongation at Break	2.2	%	ASTM D 638
Thermal properties			
ASTM Data			
DTUL @ 264 psi	250	°C	ASTM D 648
Vicat Temperature	250	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Other properties			
Density	1310	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	280	°C	-
Mold temperature	100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Increased electrical conductivity, Anti-static, Flame retardant