

DENITER C 1510

Polycarbonate + PBT

Vamp Tech

Message:

PC / PBT, 15% glass fiber reinforced, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ASTM D638
Tensile Strength (Yield)	90.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	50	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648A
Vicat Softening Temperature	160	°C	ASTM D1525 ¹
RTI Elec	110	°C	UL 746
RTI Imp	110	°C	UL 746
RTI Str	110	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (CTI)	250	V	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	250	°C	
Mold Temperature	70.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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