DENILEN B 1510 CB

Polypropylene

Vamp Tech

Message:

PP, 15% glass fiber reinforced, not Flame Retardant compound, good mechanical properties, chemically bonded.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.00	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.70	%	
Across Flow	1.0	%	
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3000	MPa	ASTM D638
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength	9.0	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	35	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648A
Vicat Softening Temperature	130	°C	ASTM D1525 [1]
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°C	UL 746
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210	°C	
Mold Temperature	60.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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