

DENYL HT 5010 Y

Polyphthalamide

Vamp Tech

Message:

PPA/PA 66 50% glass fiber reinforced, excellent mechanicals properties, high chemical resistance and excellent operating temperature.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Good Chemical Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.10	%	
Across Flow	0.50	%	
Water Absorption (Saturation)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17000	MPa	ASTM D638
Tensile Strength (Yield)	250	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648A
RTI Elec	140	°C	UL 746
RTI Imp	140	°C	UL 746
RTI Str	140	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Comparative Tracking Index (CTI)	600	V	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	320	°C	
Mold Temperature	130	°C	

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Recommended distributors for this material

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