

DENYL A

Acrylonitrile Butadiene Styrene + Nylon
Vamp Tech

Message:

PA / ABS, not Flame Retardant compound, good mechanical properties, good impact resistance.

General Information			
Features	Good Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.3	%	
Across Flow	1.3	%	
Water Absorption (Saturation)	1.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ASTM D638
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	18	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.0	°C	ASTM D648A
Vicat Softening Temperature	105	°C	ASTM D1525 ¹
RTI Elec	80.0	°C	UL 746
RTI Imp	80.0	°C	UL 746
RTI Str	80.0	°C	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	240	°C	
Mold Temperature	50.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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