

Nycal™ 2120T3

Polyamide 66
Technical Polymers, LLC

Message:

Nycal™2120T3 is a polyamide 66 (nylon 66) material. This product is available in North America and is processed by extrusion or injection molding.
Nycal™The main features of 2120T3 are:
flame retardant/rated flame
Impact resistance

General Information			
Features	Impact resistance, high		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	48.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Flexural Modulus (23°C)	1790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	157	°C	ASTM D648
1.8 MPa, not annealed	62.2	°C	ASTM D648
Melting Temperature	262	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.0E+14	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	73.9 - 79.4	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	271 - 299	°C	
Mold Temperature	37.8 - 93.3	°C	
Injection instructions			

Can be over-dried. Do not exceed 180-200°F for more than three hours.

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Recommended distributors for this material

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