

Nycal™ 2150T1

Polyamide 66
Technical Polymers, LLC

Message:

Nycal™2150T1 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 2150T1 are:
flame retardant/rated flame
Impact modification

General Information	
Additive	Impact modifier
Features	Impact modification
Appearance	Natural color
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Flexural Modulus (23°C)	1900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	227	°C	ASTM D648
1.8 MPa, not annealed	73.9	°C	ASTM D648
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

Additional Information		
Tensile Elongation, ASTM D638: >50%Volum Resistivity, ASTM D257: >1e14 ohm-cm		
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

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Recommended distributors for this material

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