

# Nycal™ 2150H/X

Polyamide 66  
Technical Polymers, LLC

Message:

Nycal™2150H/X is a polyamide 66 (nylon 66) material. This product is available in North America and is processed by injection molding.  
Nycal™The main features of 2150H/X are:  
flame retardant/rated flame  
heat stabilizer

General Information			
Additive	heat stabilizer		
Features	Thermal Stability		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	82.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus (23°C)	2830	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	199	°C	ASTM D648
1.8 MPa, not annealed	71.1	°C	ASTM D648
Melting Temperature	262	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Additional Information			
Tensile Elongation, ASTM D638: >40%Volum Resistivity, ASTM D257: >1e12 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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

