

Nycal™ 1850L3H

Polyamide 6
Technical Polymers, LLC

Message:

Nycal™1850L3H is a polyamide 6 (nylon 6) material. This product is available in North America and is processed by rotational molding. Nycal™The main characteristics of 1850L3H are: heat stabilizer.

General Information			
Additive	heat stabilizer		
Features	Thermal Stability		
Forms	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	68.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 50	%	ASTM D638
Flexural Modulus (23°C)	2690	MPa	ASTM D790
Flexural Strength (23°C)	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+14	ohms·cm	ASTM D257
Additional Information	Nominal Value	Unit	
Oven Temperature	299 - 354	°C	
Rotational molding: Nitrogen or Carbon Dioxide purge required during heating cycle to prevent oxidation during processing			
Injection	Nominal Value	Unit	
Drying Temperature	73.9 - 79.4	°C	
Drying Time	3.0 - 4.0	hr	

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Recommended distributors for this material

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