



Phone: (517) 295-4196 Fax: (517) 295-4918

## Technical Data Sheet

### LCA® N66-ZF50HSL Natural

#### Unfilled Nylon 66 Heat Stabilized, Lubricated

##### Typical Compound Properties

Physical Properties	English Units	Test Methods
Density	1.13 g/cm3	ASTM D-792
<b>Mechanical Properties</b>		
Izod Impact - Notched	1.1 ft-lb/in	ASTM D-256
Tensile Strength @ Yield	11,400 psi	ASTM D-638
Flexural Modulus	400,000 psi	ASTM D-790

##### Thermal Properties

Melt Point	253 Deg. C
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All tests are performed on dry as molded ASTM (ISO) test bars.

##### General Product Type Information

The property values listed above have been obtained using laboratory controlled test methods. They are offered without guarantee since conditions under which the product is used are beyond our control. Therefore, Uniplas, Inc. disclaims any liability for loss or damage incurred in connection with the use of this product.

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Process Variable	Typical Processing Conditions		Values
	Description		
<b>Temperatures</b>		<b>F</b>	<b>C</b>
Barrel	Rear	500 - 560	260 - 293
	Center	510 - 570	265 - 298
	Front	510 - 570	265 - 298
	Nozzle	500 - 550	260 - 287
	Mold	100 - 200	37 - 94
<b>Drying</b>			
Type	Dehumidifier		
Temperature	170°F		
Time	2 - 4 hours		
Max. % Moisture	0.2		
<b>Special Requirements</b>			

Optimum processing conditions will depend on such factors as machine size, screw design, part dimension, mold design, runner and gate design, and material residence time. These recommendations are intended only as a guide to achieve stable processing and good part quality.

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