



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

## Technical Data Sheet

### LCA® N66-33GFHSL1 Black

#### Nylon 66, 33% Glass Fiber, Heat Stabilized, Lubricated

Typical Compound Properties	Value / Measure	Test Methods
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Physical Properties	English Units	
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Density	1.4 g/cm <sup>3</sup>	ASTM D-792
Ash Content	33 %	ASTM D-5630

Mechanical Properties		
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Izod Impact	2.00 ft-lb/in	ASTM D-256
Tensile Strength	25,000 psi	ASTM D-638
Flexural Modulus	1,450,000 psi	ASTM D-790

Thermal Properties		
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Melt Point	260 °C	ASTM D-3418
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All tests are performed on dry as molded ASTM (ISO) test bars.

General Product Type Information
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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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#### Typical Processing Conditions

Process Variable	Description	Values		
<b>Temperatures</b>		<b>F</b>	<b>C</b>	
	Barrel	Rear	540 - 580	
		Center	530 - 570	
		Front	520 - 570	
		Nozzle	510 - 560	
	Mold	150 - 250		

#### Drying

Type	Dehumidifier
Temperature	175°F
Time	2 - 4 hours
Max. % Moisture	0.2

#### Special Requirements

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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