



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

## Technical Data Sheet

### LCA® N66-ZF5015HSL Black

#### Nylon 66 Unfilled, Heat Stabilized, Lubricated, High Impact

Typical Compound Properties	Value / Measure	Test Methods
<b>Physical Properties</b>		
	English Units	
Density	1.09 g/cm <sup>3</sup>	ASTM D-792
<b>Mechanical Properties</b>		
Izod Impact	14 ft-lb/in	ASTM D-256
Tensile Strength	7,200 psi	ASTM D-638
Flexural Modulus	250,000 psi	ASTM D-790
<b>Thermal Properties</b>		
Melt Point	260 °C	
All tests are performed on dry as molded ASTM (ISO) test bars.		
<b>General Product Type Information</b>		

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	500 - 560
	Center	510 - 560
	Front	510 - 560
	Nozzle	500 - 550
	Mold	100 - 200
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<b>Drying</b>		
Type		Dehumidifier
Temperature		175°F
Time		2 - 4 hours
Max. % Moisture		0.2
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<b>Special Requirements</b>		
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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.

Uniplas, Inc. 1145 Sutton St. Howell, MI 48843