



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

Technical Data Sheet

LCA® N66-35GFHSL1 Natural

Nylon 66, 35% Glass Fiber, Heat Stabilized, Lubricated

Typical Compound Properties	Value / Measure	Test Methods
Physical Properties	English Units	
Density	1.4 g/cm ³	ASTM D-792
Ash Content	35 %	ASTM D-5630
Mechanical Properties		
Izod Impact	2.50 ft-lb/in	ASTM D-256
Tensile Strength	29,000 psi	ASTM D-638
Flexural Modulus	1,450,000 psi	ASTM D-790
Thermal Properties		
Melt Point	260 °C	ASTM D-648

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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Typical Processing Conditions		
Process Variable	Description	Values
Temperatures		F C
Barrel	Rear	520 - 560
	Center	540 - 580
	Front	560 - 600
	Nozzle	555 - 590
	Mold	110 - 220
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Drying		
Type		Dehumidifier
Temperature		220°F
Time		4 - 6 hours
Max. % Moisture		0.2
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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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