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

Technical Data Sheet

LCA® N66-13GFIM Black

Nylon 66 13% Glass Fiber, Lubricated, Impact Modified

Typical Compound Properties	Value / Measure		Test Methods
Physical Properties	**English Units**		
Density	1.23	g/cm3	ASTM D-792
Ash Content	13	%	ASTM D-5630
Mechanical Properties			
Tensile Strength	13,500	psi	ASTM D-638
Izod Impact	1.80	ft-lb/in	ASTM D-256
Flexural Modulus	600,000	psi	ASTM D-790
Thermal Properties			
Melt Point	260	°C	ASTM D-789-92e1

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	
Temperatures		°F
Barrel	Rear	540-580
	Center	530-570
	Front	520-570
	Nozzle	510-560
	Mold	150-250

Drying	
Type	Dehumidifer
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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