



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

Technical Data Sheet

LCA® N6-ZF50LUVB Natural

Unfilled Nylon 6 Lubricated, UV Stabilized

Typical Compound Properties	Value	Measure	Test Methods
Physical Properties		English Units	
Density	1.13	g/cm ³	ASTM D-792
Relative Viscosity (90% formic)	50		ASTM D-789
Moisture Content	.20 Max	%	ASTM D-6869
Mechanical Properties			
Tensile Strength	11,500	psi	ASTM D-638

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	450 - 520	
		Center	460 - 520	
		Front	460 - 520	
		Nozzle	480 - 520	
		Mold	50 - 200	

Drying	
Type	Dehumidifier
Temperature	180°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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