



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

Technical Data Sheet

LCA® N6-ZF50 Natural

Unfilled Nylon 6

Typical Compound Properties		Test Methods
	Value	Measure
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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LCA® N6-ZF50L Natural

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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
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Drying		
Type		Dehumidifier
Temperature		180°F
Time		2 - 4 hours
Max. % Moisture		0.2
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Special Requirements		
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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.