



Product Data Sheet

LCA®N6-ZF75 Natural

Nylon 6, Medium Viscosity, Natural

Typical Properties	Value / Measure	Test Methods
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Physical Properties		
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Density	1.13 g/cm ³	ISO 1183
Relative Viscosity	75	
Rockwell Hardness (R Scale)	119	

Mechanical Properties		
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Tensile Strength	10,000 psi	D-638
Tensile Elongation	40 %	D-638
Flexural Modulus	330,000 psi	D-790
Notched Charpy Impact Strength	0.90 ft-lb/in.	D-256

Thermal Properties		
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Melt Point	220 °C	
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All tests are performed on dry as molded 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.



General Processing Conditions

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Temperatures

		F
Barrel	Rear	450 - 520
	Center	460 - 520
	Front	460 - 520
	Nozzle	480 - 520
	Mold	50 - 200

Drying

Type	Dehumidifier
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.