



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

Technical Data Sheet
LCA® N66-ZF5015 Natural
Nylon 66 Unfilled, High Impact

Typical Compound Properties	Value / Measure	Test Methods
Physical Properties		
	English Units	
Density	1.07 g/cm3	ASTM D-792
Mechanical Properties		
Izod Impact - Notched	15 ft-lb/in	ASTM D-256
Tensile Strength	6,500 psi	ASTM D-638
Flexural Modulus	245,000 psi	ASTM D-790
Thermal Properties		
DTUL @ 66 psi (455 kPa)	349 Deg. F	ASTM D-648
@ 264 psi (1820 kPa)	149 Deg. F	ASTM D-648
Melt Point	32 Deg. F	

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	500 - 560
	Center	510 - 560
	Front	510 - 560
	Nozzle	500 - 550
	Mold	100 - 200
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Drying		
Type		Dehumidifier
Temperature		175°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.

Uniplas, Inc. 1145 Sutton St. Howell, MI 48843