



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

Technical Data Sheet

LCA® POM-40GF Black

40% Glass Fiber Reinforced, Acetal Copolymer

Typical Compound Properties	Value / Measure	Test Methods
Physical Properties		
Density	1.62 g/cm ³	ASTM D-792
Reinforcement Content	40.00 %	ASTM D-5630
Mechanical Properties		
Izod Impact	1.60 ft-lb/in	ASTM D-256
Tensile	18,200 psi	ASTM D-638
Flexural Modulus	1,100,000 psi	ASTM D-790
HDT (264 psi)	170 C	ASTM D-648

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
Barrel	Rear	350-390
	Center	360-400
	Front	370-410
	Nozzle	370-410
	Mold	175-225
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Drying		
Type		Dehumidifier
Temperature		180°F (max)
Time		2 hours
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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.

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