



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

Technical Data Sheet

LCA® PPCO-30GF0701 Black

30% Glass Reinforced Polypropylene Copolymer

Typical Compound Properties	Value / Measure	Test Methods
Physical Properties		
	English Units	
Density	1.14 g/cm ³	ASTM D792
Melt Flow	7 g/10 min.	ASTM D1238
Mechanical Properties		
Izod Impact	1.30 ft-lb/in	ASTM D256
Tensile Strength	9,000 psi	ASTM D638
Flexural Modulus	650,000 psi	ASTM D790
Thermal Properties		
H/dt (264 psi)	285 ⁰ F	ASTM D648

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	420 - 440	216 - 227
	Center	430 - 450	221 - 232
	Front	440 - 460	226 - 238
	Nozzle	450 - 470	232 - 243
	Mold	80-150	27 - 66
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Drying			
Type		Dehumidifier	
Temperature		160°F - 170°F	
Time		2 Hours	
Max. % Moisture		0.20%	
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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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