



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

Technical Data Sheet

LCA® PPCO30GFCC0702 Black

Polypropylene Copolymer Glass Reinforced, Chemically Coupled

Typical Compound Properties	Value / Measure	Test Methods
Physical Properties		
	English Units	
Density	1.14 g/cm ³	ASTM D-792
Ash Content	30 %	ASTM D-5630
Melt Flow	7 g/10 min.	ASTM D-1238
Mechanical Properties		
Izod Impact	1.50 ft-lb/in	ASTM D-256
Tensile Strength	10,500 psi	ASTM D-638
Flexural Modulus	745,000 psi	ASTM D-790
Thermal Properties		
HDT 246 psi	285 °F	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	C
Barrel	Rear	420 - 440	
	Center	430 - 450	
	Front	440 - 460	
	Nozzle	450 - 470	
	Mold	80-150	
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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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