

■ PROPERTY DATA

■ Polypropylene

Fiberfil®

Homopolymer,
10% Fiberglass and 30% Calcium
Carbonate Reinforced
Chemically Coupled
Homopolymer

Fiberfil J-60/10/CC/30/E NATL

MECHANICAL PROPERTIES*	Unit	Test Method	Typical Value
Tensile Strength	(MPa)	ISO 527	35
Tensile Elongation	%	ISO 527	4.0
Flexural Modulus	(MPa)	ISO 178	2,500
Flexural Strength	(MPa)	ISO 178	65
Izod Impact Strength	KJ/m ²	ISO 180/1A	5.0

PHYSICAL PROPERTIES*			
Melt Flow (230/2.16), (typical)	gm / 10 minutes	ASTM D1238	7.0
Specific Gravity	-	ISO 1183 (A)	1.23

December 16, 2005 * All mechanical tests conducted at 21-25°C unless otherwise noted.

All information supplied by or on behalf of Fiberfil in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Fiberfil assumes no liability whatsoever in respect of application processing or use made of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Fiberfil for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.

Fiberfil Engineered Plastics

233 Arvin Avenue
Stoney Creek, ON
L8E 2L9

Toll Free 800-263-6895
Tel 905-662-1866

Fax 905-662-3493
www.fiberfilep.com



■ PROCESSING PARAMETERS

■ Polypropylene



Fiberfil®

Fiberglass and Calcium Carbonate Reinforced Chemcially Coupled Homopolymer

Fiberfil J-60/10/CC/30/E NATL

MOISTURE	
As received	Product is packaged at 0.2% or less.
Drying	Not normally required (2 hours @ 170°F if necessary)
Recommended content for molding	0.2% or less
PROCESSING	
Cylinder Temperatures	Rear 390-410°F Center 400-440°F Front 360-390°F Nozzle 360-380°F Melt 390-450°F
Mold Temperature	90-160°F
Recommendations for Molding and Tool Conditions	Well vented mold
Screw Speed	Medium
Injection Speed	Slow to Medium
Back Pressure	0-100 psi

5/1/2006

NOTE: The data in these tables is to be used only as a guide and should not be considered absolute. Since molding machines differ in design and many screw designs are commonly in use, the processor may find that the best temperature profile is different than what is shown above. It is suggested that you start at the lower end of the listed temperature range and increase as necessary.

All information supplied by or on behalf of Fiberfil in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Fiberfil assumes no liability whatsoever in respect of application processing or use made of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Fiberfil for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.

Fiberfil Engineered Plastics

233 Arvin Avenue
 Stoney Creek, ON
 L8E 2L9

Toll Free: 800-263-6895
 Tel: 905-662-1866

Fax: 905-662-3493
 Internet : www.fiberfilep.com