

# Pushtrusion™ D-GMT LGF34-PP NAT

Polypropylene

PlastiComp, Inc.

## Message:

Pushtrusion® is our exclusive, patented and proprietary in-line manufacturing technology for injection (D-LFT) and compression (D-GMT) molding that eliminates precompounding.

"No sheet" direct-glass mat technology

We have expanded the versatility of our Pushtrusion® direct in-line compounding technology beyond injection molding, offering you a D-LFT compression molding solution.

The Pushtrusion® D-GMT® system produces hot charges of customized fiber-reinforced compound that can be transferred to the compression press and immediately pressed into finished parts, eliminating the need for GMT sheet.

Pushtrusion® units can be sized appropriately for any job and can be used with a wide variety of polymers (e.g., PP, PA, TPU and PBT) and fibers (e.g., E-glass, S-glass and carbon).

General Information	
Filler / Reinforcement	Long Glass Fiber,34% Filler by Weight
Forms	Pellets
Processing Method	Compression Molding Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5240	MPa	ASTM D638
Tensile Strength (Yield)	81.4	MPa	ASTM D638
Tensile Elongation (Break)	1.9	%	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Flexural Strength	115	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	430	J/m	ASTM D256
Unnotched Izod Impact	890	J/m	ASTM D256
Dynatup - Total Energy	24.8	J	

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## Recommended distributors for this material

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