

MODULAR GLASS FIBER TECHNOLOGY



WASHINGTON PENN
An **AUDIA** Company

Formulate Great.™

REINFORCE WITH FIBERS.

Looking for specific requirements? Let us help. Our modular glass fiber technology is a polypropylene material platform that provides superior stiffness and strength for physically robust injection molding applications. It offers up to 25% increased tensile strength and up to 10% increased flexural modulus compared to traditional glass fiber reinforced polypropylene compounds.

We custom formulate products with the modular technology to meet specific product requirements, including strength, stiffness, impact, dimensional stability, and more. Improved physical performance of these materials offers new opportunities to replace more expensive engineered resins. And while matching existing mold shrinkage and providing weight savings.

Contact us to start customizing your modular glass fiber solution. Together, we'll formulate great.

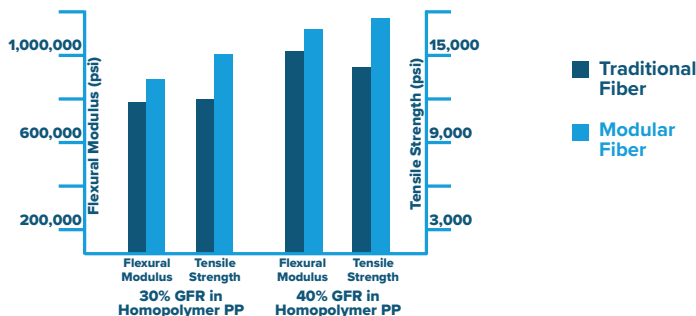
Applications:

- Housings
- Closures
- Brackets
- Handles
- Structural parts

Key Benefits:

- High strength to weight ratio
- Improved creep performance
- Increased modulus
- Manufacturing economics
- Wide range of colors
- Chemical resistance
- Low CLTE
- Engineered resins replacement

Physical property comparison of modular glass vs traditional fibers.



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