

CARBON FIBER REINFORCED POLYOLEFIN TECHNOLOGY



WASHINGTON PENN
An AUDIA® Company

Formulate Great.™

REINFORCE WITH FIBERS.

Having superior performance is important to your application. Washington Penn's high-performance reinforcements like chopped carbon fiber provide strength to polypropylene and TPO materials, while lowering the density and substantially increasing stiffness. A carbon fiber reinforced TPO for instance, can be formulated to exhibit comparable rigidity to a 30% glass reinforced polypropylene product with a 10% reduction in part weight.

These products offer an attractive alternative to traditional glass reinforced products. Carbon fiber also increases the electrical conductivity of olefin-based compounds. Markets such as automotive, consumer, construction, and appliance can utilize it for maximum results.

At Washington Penn, we are constantly innovating to provide the best performing products. Together, we can customize any product to suit your specific material requirements. Contact us to formulate great.

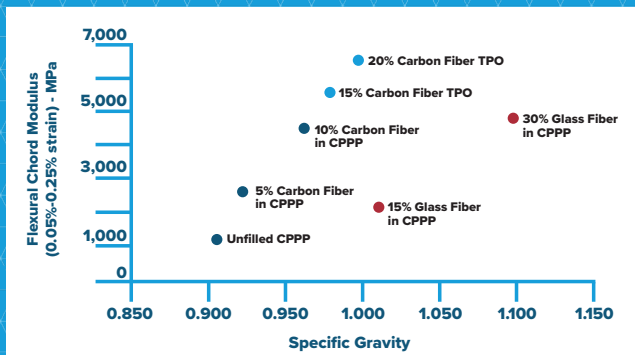
Markets:

- Automotive
- Consumer
- Construction
- Appliance

Key Benefits:

- Density reduction
- Enhance stiffness
- Glass-fiber alternative
- Increased electrical conductivity

Flexural Modulus vs. Specific Gravity



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