



INTERMATERIAL SUBSTITUTION



WASHINGTON PENN
An AUDIA® Company

Formulate Great.™

DIVERSIFYING POLYOLEFINS.

Let us create endless opportunities. Our “engineered polyolefins” or modified polyolefins can bridge the cost and performance gaps between traditional engineering resins and commodity thermoplastics.

The property, cost, and weight balance of a mineral, fiber, or glass reinforced PP or PE makes this class of materials an ideal candidate for numerous applications. We’ll work together with you to discover more ways to utilize cost effective, high performance polyolefin materials in all industries, including automotive, appliance, consumer, construction, and packaging.

Our uniquely developed solutions can even be used within existing molds, eliminating the need to re-tool equipment.

Ready to get customizing? Contact us and let’s formulate great.

Replacing:

GFR Nylon

- Lower cost
- Weight reduction
- Does not absorb water
- Long-term weatherability
- Chemical resistance
- Lower energy usage/
carbon footprint

HIPS

- More stable pricing
- Heat and chemical resistance
- Long-term weatherability

ABS & PC Alloys

- Lower cost
- Potential weight reduction
- Heat and chemical resistance
- Long-term weatherability
- Sound deadening
- Lower energy usage/
carbon footprint

PVC

- Weight reduction
- Heat and chemical resistance
- Long-term weatherability
- Processability
- Sustainable solutions

www.washingtonpenn.com