

PAN Fiber = Thermal Dominance

Can Reclaimed Carbon Fiber be utilized for production of soft and rigid board insulation?

The reclaimed carbon fiber that is offered through the CFR program has specific properties and product benefits:

- Retained Virgin Properties
- Aerospace Grade
- Excellent Textile Processability
- Unique Thermal Properties
- Certified Recycled Material
- Premier Lightweight Fiber
- Qualifies End Products for 'Green' Label
- Superior Strength to Weight Ratio

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PAN carbon fiber is a thermally unique material. Unlike the competition, these fibers do not burn or melt when exposed to heat, they char. This self-extinguishing fiber retains its appearance, handling, and textile characteristics after open flame exposure. Additionally, PAN fibers exhibit very low toxic gas generation in fire, making them ideal for the most critical thermal applications. Improved thermal performance is also easily achieved using blends of PAN fiber with existing formulations or by incorporating heat shield layers in products.

PAN fiber is the top performing thermal fiber without requiring any harsh chemical coatings or additives. Carbon fiber's resistance to the most extreme temperatures, coupled with ease of manufacturing, make it the ideal choice for the highest quality thermal products on the market.