



GermanSolarZA

# Glass fiber prepreg for flexible solar panels





## Overview

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What is glass fiber woven prepreg?

Glass Fiber Woven Pre-Impregnated Fabric, commonly known as woven fiberglass prepreg, is a specialized composite material made by impregnating a woven glass fiber fabric with a resin matrix.

What are the benefits of woven prepgs?

Similar to unidirectional fiberglass, the resin matrix in woven prepgs provides excellent resistance to heat and corrosive chemicals, protecting the glass fibers and maintaining the integrity of the composite. Excellent Electrical Insulation: Glass fiber is naturally an excellent insulator.

What is woven prepreg?

Thermal and Chemical Resistance: Similar to unidirectional fiberglass, the resin matrix in woven prepgs provides excellent resistance to heat and corrosive chemicals, protecting the glass fibers and maintaining the integrity of the composite.

Are Axiom Materials prepgs flexible?

Flexibility – Axiom Materials prepgs can are made to be flexible in the tack, drapability, resin content, color, flow and volatiles. These prepgs are manufactured in both hot melt and solution coated tower processes. If you have any questions about out Composite Prepgs product line please let us know.



## Glass fiber prepreg for flexible solar panels



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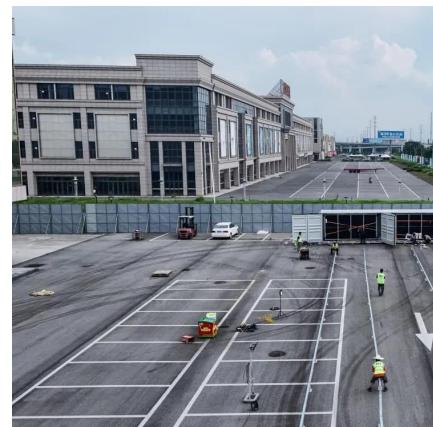
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Glass fiber is naturally an excellent insulator. When combined with a non-conductive resin, woven fiberglass prepreg becomes an effective barrier against electrical currents, making it ideal for ...



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