



KORDCARBON -CPREG-EP1

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Product type:
Tg 115 °C System with
carbon fabric

Typical field of applications:

- Wind energy
- Sports
- Leisure applications
- Medical applications
- Motorsport

Shelf life:
20 °C: 2 months
-18 °C: 12 months

PRODUCT DESCRIPTION

Kordcarbon-Cpreg-EP1 is a carbon fabric, impregnated with solvent free Epoxy based resin for manufacturing as prepreg. The prepreg grants good drape ability, controlled flow properties and long shelf life at ambient temperature. Medium tack is perfect for manufacturing. Typical products are for wind, leisure fishing, kayaking, rowing, skiing and most water applications. The sports and leisure industry increasingly use carbon fibres to fabricate lighter, stronger and high performance products.

Generally speaking, the resin can be filled with a variety of additives to enhance certain features like flame resistance, toughness, UV resistance or colour.

Properties:

- Solvent free
- Curing at 80 - 100 °C
- Good drape ability
- Good flow properties
- Long shelf life
- Good process ability with medium Tack

Resin:

Density: 1,23 g/cm³
Tg: 115 °C

**Fabrics:**

Fibers	Area weight [g/m ²]	Weave	Yarn [K]	Resin content [%]
Carbon	60 - 120	Plain	1	can be set from 30 – 50
Carbon	160 - 600	Plain or Twill	3 - 12	
Carbon	150 - 600	UD	6 - 50	
Hybrid Carbon/Aramid	164 - 190	Plain or Twill	3	

These technical information result from accurately testing and investigations. Regarding to various specific processes, they must be seen as nonbinding values for orientation. Therefore, a claim for warranty can not be derived from this information.