



KORDCARBON -CPREG-EP2

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Product type:
Tg 165 °C System with
carbon fabric

Typical field of applications:

- Industrial applications
- Windmill blades
- Automotive
- Rail & Transport
- Sport goods
- Motorsports

Shelf life:
20 °C: 1,5 months
-18 °C: 6 months

PRODUCT DESCRIPTION

Kordcarbon-Cpreg-EP2 is a carbon fabric, impregnated with solvent-free Epoxy based resin for manufacturing as prepreg. The prepreg gives medium tack for good process ability. The higher Tg provides high quality and technical efforts. The improved thermal stability of the prepreg allows applications at higher temperatures.

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 - 165 °C
- Good flow properties
- Long shelf life
- Good process ability with medium Tack
- Higher Tg

Resin:

Density:	1,23 g/cm ³
Tg:	165 °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.