



KORDCARBON -CPREG-EP3

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Product type:
Tg 130 °C System with
carbon fabric

Typical field of applications:

- Structural parts
- Body panels
- Automotive & Motorsports
- Prosthesis
- Visible parts
- Design engineering

Shelf life:
20 °C: 7 days
-18 °C: 6 months

PRODUCT DESCRIPTION

Kordcarbon-Cpreg-EP3 is a carbon fabric, impregnated with solvent free Epoxy based resin for manufacturing as prepreg. It is the best solution for perfect visual surface quality. The cosmetic grade prepreg utilize a high clarity, versatile, hot-melt epoxy resin formulation. Its field of applications are in industrial use, automotive, sport, medical engineering and various applications especially in design engineering. This system can be used for production of high performance laminates as well.

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 - 130 °C
- Good drape ability
- Good flow properties
- Excellent fiber wetting
- Excellent thermal and mechanical properties
- Short curing time

Resin:

Density:	1,23 g/cm ³
Tg:	130 °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.