QUALIFICATIONS

100 % traceability
Biocompatibility
FDA registered
Validated processes and procedures
MDR compliant
ISO 13485 certified

WHY CREATEC?

Field experience and history of more than 20 years
Carbon fibre experts
Customized solutions
Available worldwide
Innovative high-tech solutions

GLOBAL PRESENCE. LOCAL SERVICE.

www.createc.com

createc

YOUR FUTURE PROOF MATERIAL

Carbon Fibre Composite for Medical Applications

Precisely Your Composites.

WHO IS CREATEC

We are your partner when it comes to composites for medical instruments, sealing technology and pump bearing technology.

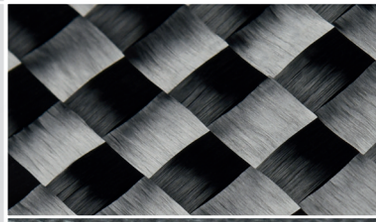
MATERIAL

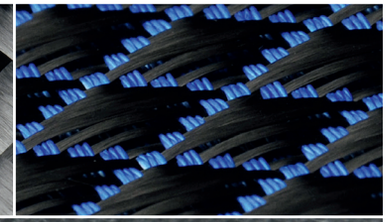
Creamedtec® 1475
Creamedtec® 1475-M1
Creamedtec® UD
Creamedtec® UD-M1
Creamedtec® 5050
Creamedtec® 134
Creamedtec® 144

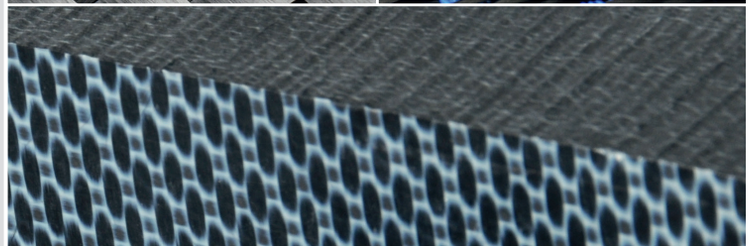
All listed materials also available as raw materials.

FEATURES AND ADVANTAGES

Radiolucent properties provide transparency for X-rays
High strength and stiffness
Lightweight
Resistance to repeated sterilization, e.g. autoclave, gamma radiation
Form stability
Highly resistant to aggressive chemical media
Very low water absorption







PRODUCTION PROCESSES

COMPRESSION MOULDING

Compression moulding is a high-volume, high-pressure method suitable for moulding complex, high-strength carbon reinforcements.

FEATURES
Design freedom and personalized aesthetics
Low cost
Less machining work involved
Process reliability

INJECTION MOULDING

Injection moulding is one of the most important processes for the mass production of thermoplastic parts.

FEATURES
Design freedom
Low cost
Less machining work involved
Process reliability

PULTRUSION (RODS, BARS, SQUARE AND HEXAGON PROFILES)

Pultrusion is a highly efficient process for manufacturing fibre-reinforced plastic profiles.

FEATURES
High mechanical properties
Highly efficient cost
Low material usage