



Cert no 1122 - ISO 9001

WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: GG 280 P

| Characteristics | | Nominal | Tolerance | Normative |
|--------------------|------------------|-----------|-----------|--------------|
| Mass per unit area | g/m ² | 280 | ± 5% | ISO 4605 |
| Weave | | Plain | | ISO 2113 |
| Width | mm | 1000/1200 | ± 2,5% | ISO 22198 |
| Thickness | mm | 0,27 | ± 2,5% | ISO 5084(**) |
| Other information | | Loomstate | | |

| Nominal Construction | | Warp | | Weft | |
|----------------------|------------------|---------------------------------|----------|---------------------------------|------------------------|
| Fibre Description | | HR Carbon Fibre 6K – 400 tex | | HR Carbon Fibre 6K – 400 tex | |
| Thread Count | ends/cm | 3,5 | ISO 4602 | 3,5 | ISO 4602 |
| Weight Distribution | g/m ² | 6K | 140 | 6K | 140 |
| | % | Carbon | 50% | Carbon | 50% |
| Selvedges | | Weaving Style | Leno | Type of Fibre | HM Polyester 22 tex |

| Mechanical Properties of Fibre | Strength (nominal) | Modulus (nominal) |
|--------------------------------|--------------------|-------------------|
| 6K | 4020 MPa | 373 GPa |

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.