

UNIDRY[®] 50 g/m²

Technical Data Sheet

UNIDRY[®] made of Zoltek Panex 35 tow (50K)

Tow properties:

Tensile Strength	4130 Mpa (SI units) 600 Ksi (US units)
Tensile Modulus	242 Gpa (SI units) 35 msi (US units)
Elongation	1.5%
Density	1.82 g/cc

Area weight	50 g/m ² (+ 2 g/m ²)
Production width	standard 500 mm (± 3 mm) (max 600 mm)
Laminate thickness	0.05 mm (± 2.5 %)
Bonding lay	76 dtex polyester screen on 1 or 2 sides (3.5 g/m ²) to keep together the carbon structure
Resin system compatibility	epoxy, phenolic, polyester, vinyl ester, BMI
Core diameter	150 mm
Core length	700 mm

* unidry[®] ribbon of 600 mm width could be divided into 2-6 parts (with gaps between)