

# UNIDRY<sup>®</sup> 80 g/m<sup>2</sup>

## Technical Data Sheet

UNIDRY<sup>®</sup> 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

<b>Area weight</b>	80 g/m <sup>2</sup> (+ 2 g/m <sup>2</sup> )
<b>Production width</b>	standard 500 mm (± 3 mm) (max 600 mm)
<b>Laminate thickness</b>	0.08 mm (± 2.5 %)
<b>Bonding lay</b>	76 dtex polyester screen on 1 or 2 sides (3.5 g/m <sup>2</sup> ) (to keep together the carbon structure)
<b>Resin system compatibility</b>	epoxy, phenolic, polyester, vinyl ester, BMI
<b>Core diameter</b>	150 mm
<b>Core length</b>	700 mm

\* unidry<sup>®</sup> ribbon of 600 mm width could be divided into 2-6 parts (with gaps between)