



## Technical Data

### Aramid roving 805 tex

#### Description

Endless fibre strand made of HM aramid fiber (high modulus fibre).

- For hand lay-ups, winding, and pultrusion
- Fast and good impregnation
- For epoxy, polyester, and vinyl ester resins



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The Power of Aramid

#### Properties

<b>Yarn type</b>	2200
<b>Filaments</b>	5000
<b>Linear density (nominal) [dtex]</b>	8050
<b>Linear density (effektiv) [dtex]</b>	8600
<b>Finish content [%]</b>	0.8
<b>Elongation at break [%]</b>	2.9
<b>Breaking tenacity [MPa]</b>	2930
<b>Breaking strength [N]</b>	1750
<b>Modulus [GPa]</b>	99
<b>Flammability [LOI-Index]</b>	0.29
<b>Hot air shrinkage (15 Min. bei 190 °C) [%]</b>	0.1
<b>Heat resistance (48 h bei 200 °C) [%]</b>	90
<b>Decomposition temperature [°C]</b>	> 450
<b>Coefficient of thermal expansion [<math>10^{-6}/K</math>]</b>	-3.5

All values are average batch values measured at twisted yarns according to Standard Test Methods of Twaron IN 97/7180 Version 4.