

59720 Dralon Fiber 6 mm

Fiber type:	Polyacrylonitrile
Fiber thickness:	17 dtex/approx .43 µm
Fiber cross section:	dumbbell-shaped
Fiber surface:	rough
Density:	1.17 g/cm ³
Dry heat resistance at long-term influence:	approx. 120°C
Decomposition temperature:	approx. 250°C
Humidity in the delivered form:	max. 4 %
Color:	white/half-matt

Physical Properties

Fiber length:	6 mm
Single fibers based on the dry product:	approx. 98.000 / g
Fiber surface based on the dry product and assumed round fiber cross section:	approx. 800 cm ² /g

General technical details:

Lightfastness:	good
Weather resistance:	good
Aging resistance:	good
Acid resistance:	good
Alkali resistance:	good
Solvent resistance:	good (except for DMF)
Swelling effect in water:	5-12 %
Fineness strength: (Tensile strength)	> 14 cN/tex
Maximum force extension	35 - 55 %