

59700 Dralon Fiber 4 mm

Fiber type:	Polyacrylonitrile
Fiber thickness:	6,7 dtex/approx. 27 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:	4 mm
Single fibers based on the dry product:	approx. 373.000 / g
Fiber surface based on the dry product and assumed round fiber cross section:	approx. 1300 cm ² /g

General technical details:

Light fastness:	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)	> 18.5 cN/tex
Maximum force extension	30-40 %