Dralon Fiber  4 mm

Fiber type: Polyacrylonitrile
Fiber thickness: 6.7 dtex/approx. 27 µm
dumbbell-shaped
Fiber cross section: rough
Fiber surface: dumbbell-shaped
Density: approx. 120°C
Dry heat resistance: approx. 250°C
at long-term influence:
Decomposition temperature: max. 4 %
Humidity in the delivered form: white/half-matt
Color:

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 cm²/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: > 18.5 cN/tex
(Tensile strength) Maximum force extension: 30-40 %