

Technical Data Sheet

RAYON FIBERS Regular Tenacity

General Description: A manufactured fiber composed of regenerated cellulose, including those in which substituents have replaced not more than 15% of the hydrogens of the hydroxyl groups.

Standard Cut Lengths: 1/8", 1/4", 1/2", 3/4", and 1"
(3mm, 7mm, 13mm, 19mm, and 25mm)
Flock and other lengths available upon request.

Standard Filament Sizes (denier per filament):	0.8	1.5	4.5	25.0
Shrinkage, (%):	2.5	2.5	2.5	2.5
Breaking Tenacity (gpd):	2.0-2.6	2.0-2.6	1.9-2.4	1.6-2.1

Initial Moisture Content (%): 4.0 to 18.0

Average Moisture Regain of Rayon (%): 13.0

Specific Gravity (g/cm³): 1.50 to 1.55

Effect of Heat: Does not melt. Loses strength at 300°F.
Decomposes at 350 to 464°F under extended periods of exposure.

Chemical Reactivity: Not resistant to acids or alkalis.

Dispersion: Easily dispersed in aqueous and non-aqueous systems. Surface treatment to aid dispersion applied as required.

Packaging: Fiber is packaged in corrugated boxes with polyethylene liners. Custom packaging available upon request.

The above information is provided to describe typical values and does not constitute a product specification.