## Technical Data Sheet

**VISCOSE RAYON FIBERS**  
**High 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 Filament Sizes:** 1.5 denier per filament (dpf)

**Standard Cut Lengths:** 1/8", 1/4", 1/2", 3/4", and 1"  
(3mm, 6mm, 13mm, 19mm, and 25mm)  
Other lengths available upon request.

**Shrinkage:** ~5.1 to 8.9%

**Tenacity:** ~5.1 to 5.9 g/den

**Initial Moisture Content:** 4.0 to 12.0%

**Average Moisture Regain of Rayon:** 13.0%

**Specific Gravity:** 1.50 g/cm³

**Effect of Heat:** Does not melt; forms a char. Extended exposure to temperatures above 175°C will cause decomposition in the presence of oxygen.

**Chemical Reactivity:** Not resistant to strong acids. Excellent resistance to strong 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.

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