

Technical Data Sheet

RAYON FIBERS Regular Tenacity Flocking Tow

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

Standard Cut Lengths: 1/16", 1/8", 1/4", 1/2", 3/4", and 1"
(2mm, 3mm, 6mm, 12mm, 19mm, and 25mm)
Flock and other lengths available upon request.

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|---|------------|------------|------------|------------|-------------|
| Standard Filament Sizes (denier per filament): | 0.8 | 1.5 | 3.0 | 4.5 | 25.0 |
| Shrinkage, (%): | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Breaking Tenacity (gpd): | 2.0-2.6 | 2.0-2.6 | 2.0-2.6 | 1.9-2.4 | 1.6-2.1 |
| Elongation at Break (%): | 17-22 | 22-27 | 23-28 | 23-28 | 27-32 |

Moisture Content: 4.0 to 18.0%

Moisture Regain: 13.0%

Specific Gravity (g/cm³): 1.53

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.