



Product Data Sheet

GENERAL DESCRIPTION

Spun and treated denim cotton textile fibers are produced from high quality warp thread materials. These spun materials offer the highest physical properties in the construction of textile fabrics and are physically superior to fill and warp thread blends in cotton reinforcement applications. Cotton is a natural cellulose polymer.

CHARACTERISTICS AND PROCESSES

Cotton is characterized by its dimensional and thermal stability, resilience, inherent tensile strength, and toughness. Like many fiber types, uses are substantial in consumer, technical and industrial markets. Cotton also improves dimensional stability, cut and tear resistance, green strength, creep resistance and cut propagation when used in a elastomer matrix.

Precision cut, spun cotton fibers are dispersed through conventional rubber machinery such as open mixers, internal mixers and mixing mills. Subsequent calendaring operations further enhance the alignment of fibers in the machine direction. Cotton fibers can be compression molded, transfer molded, extruded and thermoformed into mechanical components and products produced from sheet goods.

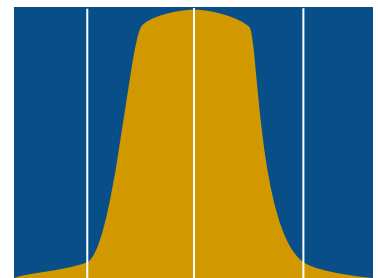
Physical Properties

Form -----	Precision Cut
Composition -----	Natural Cellulose Fiber
Standard Nominal Lengths -----	3 mm, 7 mm
Specific Gravity -----	1.54
Ash Weight -----	<1.5%
Melting Point -----	N/A
Water Absorption -----	<8.5%
Thermal Properties -----	Degradation and Deformation Resistant
Color -----	Blue/Black/Natural/Mixed

Standard Packaging Options

Low-Melt Bags (71° C, 160°F) -----	6lbs. - 13lbs.
Bulk Box (40 ^{3/8"} x 34 ^{3/8"} x 30") -----	200lbs. - 250lbs.
Bulk Box (40 ^{3/8"} x 34 ^{3/8"} x 45 ^{7/8"}) -----	500lbs.
Super Sack (38" x 38" x 46") -----	550lbs. - 600lbs.

STANDARD
CUT LENGTH
DISTRIBUTION



2mm 3mm 4mm
3mm 7mm 10mm

Custom Sizes Are Available