

Product Bulletin

Cotton Flock

Michigan Fiberglass Sales, Inc.
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Description:

Cotton Flock: Short cut cotton fiber, round or oval in shape. Developed for a variety of plastic, composite, rubber and general purpose applications, for improved elastic modulus, tensile strength, thermal stability, impact strength, aesthetic quality, and viscosity control. Random cut cotton flock is a cost effective general purpose filler material, offering excellent weight to bulk ratio consistent color and quality for optimal performance.

Typical Properties:

Cotton Moisture Content	less than 5%
Cotton Ash Content	less than 1-1.5%
Cotton Specific Gravity	1.5 - 1.55 gpd
Oil Absorption	20 30cc / 10 grams
Elongation	2% Strain - 74% Recovery; 5% Strain - 45% Recovery
Tensile Strength	40,000 - 120,000 lbs/in ²

Production Applications:

Adhesives	Asphalt	Coatings	Concrete	Sealants	Grouts	Cable Compounds
Rubber	Plastics	Phenolics	Epoxies	Composites	Waxes	Paints

Feature Benefits:

Improves Moldability	Improves Impact strength	Improves Appearance	Controls Viscosity
Excellent weight to bulk ratio	Small fibers	High Loadings	Fast Dispersions
Long fibers	Better reinforcement	Reduce Cost	