

Fabric Specification TX6000

Test	Units	3-75x AVG	3-100x AVG
Filtration Efficiency	% captured, >0.5µm	19.40%	19.20%
Filtration Efficiency	% captured, >5µm	80.30%	81.20%
Particle Generation (ASTM F51 Particle Spec)	# >5um/sq.ft.	251.8	298.4
Fibre Generation (ASTM F51 Fibre Spec)	Particle Spec >100µm<10 µm/sq.ft.	5.2	5.2
Particles Helmke Drum Method	0.5µm/min : <1200	31	30.2
Surface Resistivity	ohms/square	10 ⁶	10 ⁶
Abrasion Resistance, 1000 cy.	% weight loss	1.70%	1.90%
Abrasion Resistance, 1000 cy.	# of tears	0	0
Air Permeability	cu.ft./minute/sq.ft.	>2.0	>2.0
Water Vapor Transmission	grams/sq.m/hour	71.36	72.63

Remarks

The garments sample were laundered using cleanroom laundry parameters with wash cycle water temperatures of approximately 70°C and pH of below 10. The samples were then exposed to drying temperature between 55°C and 60°C.

The fabric was tested by CPC labs.

The Particles Helmke drum tests and particle generation tests were performed by PACS.