

ESD Coolon Polyester Fabric

_MDF-320

Technical Specification

Test	Wale	Course	Unit	Test Method
Yarn	PCL150D		Denier	
ECF	F-901 Resist			
Density	38W	37C	Threads/Inch	
Weave	10mm Stripe Circular Knit			
Dimension	58"/60"		Inch	
Weight	205		GR/SQMT	
Composition	Polyester (Coolon) 98%, Conductive Yarn 2%			
Tensile Strength	367.2	281	N	ASTM D 5034-09 (2013) : 2009 C.R.E, Grab Method
Tearing Strength	41.5	35	N	ASM D 2261-13 C.R.E, Single Rip Method
Air Permeability	132		cm3/cm2/SEC	ASTM D 737 : 2004
Water Vapour Permeability	8531		GR/M2/24HR	ASTM E96/E96M-14 : 2014
Surface Resistivity	1.3 x 10e6		Ω/SQ	ASTM D 257 : 2014
Absorption Rate	AATCC 197 : 2013			
Distance	(After 5 min.)	124	118	mm
	(After 30 min.)	Over 150	Over 150	mm
Rate	(After 5 min.)	0.413	0.393	mm/s
	(After 30 min.)	Over 0.083	Over 0.083	mm/s
Drying Rate	212		min	JIS L 1096 : 2010, 8.25
	Color change	4.5		
Color fastness to Washing	Color Staining	Polyester	4	grade
		Nylon	4.5	
		Acrylic	3.5	
		Acetate	4.5	
		Cotton	4.5	
		Wool	4.0	AATCC 61:2013