

DY6000-GD-5MM Anti-Static Lint Free Cloth

PHYSICAL PROPERTIES

Pattern	5mm Checked Type
Colour	White, Sky Blue, Navy Blue, Pink
Composition (<i>ASTM-D-629</i>)	98% Polyester filament yarn with 2% Nylon conductive carbon compound filament yarn
Weave	2/1 twill, 5mm grid
Weight	110 gram/m ²
Width	152 cm
Density	warp 74 ends/cm, weft 37 ends/cm
Yarn Type	warp Polyester 75Deiner/36f; warp Conductive 70Deiner/25f Polyamide weft Polyester 100Deiner/96f; weft Conductive 70Deiner/25f Polyamide
Tensile Strength (<i>ISO 9290:1990-Failling Pendulum method B</i>)	warp 63.0 kg weft 70.6 kg
Tear Strength (<i>ISO 5082:1982 1" grab test</i>)	warp 2.5 kg weft 1.8 kg
Air Permeability (<i>JIS L1099-A1-1985</i>)	4.0 cm ³ /cm ² /sec
Water Vapour Permeability	445 gm/m ² /hr
Color Retention (After water washing)	4-5 grade (<i>ISO 105 C03-30min</i>)
(After wet friction)	4-5 grade (<i>ISO 105 D01: 1993</i>)
(Light fastness)	4-5 grade (<i>ISO 105 E01: 1994</i>)
(After dry friction)	4-5 grade (<i>ISO 105 B02: 1994</i>)
Filtration efficiency	0.3um (52.8%) 0.5um (57.1%) 1.0um (75.0%) 5.0um (78.0%)

ELECTRICAL PROPERTIES

Electricity Propensity (<i>JIS L1094-B</i>)	40 volts
Surface Resistivity (<i>DIN54345</i>)	10 ⁶ ~ 10 ⁷ ohms/square (42%RH,21 ^o C)
Static Decay (<i>NFPA-99</i>)	0.01 sec