

TECHNICAL DATA SHEET

ITEM : DYCLEAR ESD WIPERS

Part Number : DYC100-01-DYCLEAR-ESD-99

MATERIAL DESCRIPTION:



Performance Characteristics

Property Typical Value Test Method
Basis weight 4.01 oz/sq.yd
(**Double Pique**)

Absorbency and Rate of Absorbency

Sorptive capacity 250 mL/m²
Sorptive rate < 3 seconds Wipers

Contamination Characteristics

Property Typical Value Test Method
Particle and fibers
Particles > 0.5 μm 10.5 x 10 particles/m² ASTM E 209000



Nonvolatile residue

IPA extractant 0.12 g/m²

DIW extractant 0.08 g/m²

Ions extractibles

Sodium 1.00 ppm

Potassium 0.28 ppm

Calcium 0.11 ppm

Chloride 1.20 ppm

Magnesium 0.01 ppm

Decay Time : 0.5 Sec

Surface resistance 10e6~10e8Ω

Friction Charges Electricity Potential <200V

RECOMMENDED APPLICATIONS:

- For processes where ESD is a concern.
- Cleanroom environment where particles is a concern.

Allowed for Circulation
DOU YEE S4 Division

Important Note: The information and statements herein are believed to be reliable but are not to be constructed a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the product's suitability for their intended use.

