

# TRAX Cleanroom Curtain Material Data

## Seiden Crystal Anti-Static ESD Safe Flexible P.V.C.

This PVC film is completed by superior techniques both in formulation and calendaring. Anti-Static property and fire retardency are obtained at the same time while retaining clearness as crystal as general grade PVC film. It is recommended for applications in which an ESD safe and/or fire rated UBC class 1 material is required.

### Characteristics of "Seiden Crystal"

- 1- The appearance is the same as common PVC film.
- 2- Both sides of the film have the same properties.
- 3- Meets NFPA Class A and UBC Class 1 flame spread standards.

### Available Sizes

Thickness:

20 MIL (0.5 mm)

40 MIL (1.0 mm)

Width:

60" (20 MIL)

54" (40 MIL)

### Available Colors

Clear

Black (20 MIL)

Yellow (20 MIL)

### Anti-Static Ability

Seiden-Crystal  
1.0 mm 4s

Remarks

Volume Resistivity	$3 \times 10^9$	JIS K6911
Surface Resistivity	$3 \times 10^{10}$	JIS K6911
Electro-Decay 50% Decay (sec) 90% Decay (sec) 100% Decay (sec)	0.02 0.08 0.17	Static Decay Mtr. 17° C 20% RH JIS K-7201B-1
Frictional Static (V)	20	Field Mtr.
Ash-Attracting Distance (cm)	less than 1 cm	23° C 45 RH

NOTE: Figures represent test results without Guarantee.