

## Ex-Tech XSD-28 Static Dissipative

Manufactured in thickness from 10 to 60 mils, Ex-Tech brand XSD-28 is available in rigid vinyl, PET or HIPS. XSD-28 is a static dissipative sheet engineered specifically for ESD sensitive packaging for use in ESD controlled environments. XSD-28 can be made to match your desired custom color and sheeting, slitting, warehousing and special packaging services are also available.

| Ex-Tech XSD-28 Physical Properties | Typical Value          | Units              | Test Method               |
|------------------------------------|------------------------|--------------------|---------------------------|
| Gauge Tolerance                    | +/-5                   | %                  | gamma or beta gauges      |
| Specific Gravity                   | 1.33                   | gm/cm <sup>3</sup> | ASTM D 792                |
| Tensile Strength                   | 6300                   | psi                | ASTM D 882                |
| Elongation                         | > 100%                 | %                  | ASTM D 882                |
| Notched Izod Impact                | 2.69                   | ft-lb/in           | SOP-MEC-002.01            |
| Heat Deflection Temperature        | 143                    | °F                 | ASTM 648-96 @ 264 psi     |
| Cold Impact                        | -35°                   | °C                 | ASTM D 1790               |
| Surface Resistance                 | 1 x 10 <sup>9</sup>    | Ohms               | EOS/ESD S11.11-1993       |
| Surface Resistivity                | 1 x 10 <sup>10</sup>   | Ohms <sup>2</sup>  | ASTM D 257 @ 12% Humidity |
| 12 day oven aging                  | 4.7 x 10 <sup>10</sup> | Ohms               | ASTM D 257                |
| Static Decay                       | < 2                    | Seconds            | EIA 541                   |
| Tribocharging                      | < 0.13                 | nC/in <sup>2</sup> | Bellcore GR1421-CORE      |
| Polycarbonate Compatibility        | no attack              | Visual             | EIA 564                   |
| Contact Corrosivity                | no corrosion           | Visual             | FTM 101C                  |

Note: The data provided herein is accurate to the best of the company's knowledge. The properties and specifications shown are reflective of rigid vinyl film only. Contact Ex-Tech to determine the suitability of XSD-28 for your particular application.

### Ex-Tech Value-Added Services

- Custom colors
- Sheeting
- Slitting
- Laminating
- Coating
- Corona Treating
- Embossing
- Special Packaging Services
- Warehousing



11413 Burlington Road, Richmond, IL 60071  
 TEL 815.678.2131 FAX 815.678.4248