



Crosslink Anti-Static Coatings Product Data Sheet

Water-Based, Conductive Anti-Static Coatings for ESD Protection

Overview

Crosslink offers multiple ESD coatings for interior applications based on inherently conductive polymers that provide significant benefits. Features of Crosslink's ESD coatings include

- Durable, long-lasting. Will not wash off with water;
- Excellent thermal stability, from -40°C to 200°C;
- Translucent to semi-transparent; >90% transparency;
- Conductivity 10^5 - 10^7 ohms/square;
- Static decay time of 0.1 seconds at 5000 Volt;
- No silicone; no chlorides.

Products & Features

APC-8116	<ul style="list-style-type: none">• General purpose ESD coating• Water-based, acrylic dispersion• Ambient cure• Compatible with polycarbonate, PVC, glass, and other substrates
APC-8415	<ul style="list-style-type: none">• Specialty thermal cure coating specifically designed for adhesion to polypropylene and polyester substrates• Low temperature heat cure; about 100°C for 20 minutes• Similar properties to APC-8116

Additional Properties

Appearance	Blue/grey aqueous liquid
Density	8.3 – 8.4 lb/gal.
Application Methods	Brush-on, dip, spray, flow
Coverage	Approximately 600 sq. ft/gal at 1.5 mil dry film, <i>via</i> flow coating Approximately 1500 sq. ft/gal at 0.5 mil dry film, <i>via</i> foam brush

Custom Requirements

Additional coatings for ESD protection can be formulated for specific applications. Options include water-based vs. solvent-based, transparent vs. opaque, UV-cure, and thermal cure.

For More Information

To learn more about Crosslink ESD coatings or to discuss specific requirements, please contact George Koustis at gekoustis@crosslinkusa.com or (636) 349-0050, or visit www.crosslinkusa.com.