



Crosslink Anti-Static Coatings Product Data Sheet ACC 4244

Conductive, Water-Based, Anti-Static Coating
for ESD Protection of Aircraft Transparencies

Overview

Crosslink offers transparent, electrostatic dissipative (ESD) coatings for aircraft transparencies based on inherently conductive polymers. Features of Crosslink's aircraft 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;
- Electrostatic dissipation from 1000V to 100V in less than one second

Product Features

ACC 4244	<ul style="list-style-type: none">• ESD coating for aircraft transparencies• Water-based, polyurethane dispersion• UV radiation curable (after initial thermal/ambient drying)• Compatible with plastic transparencies, including polycarbonate and stretched acrylic• Recommended for combination with durable conductive topcoat ACC 4202 or similar for enhanced ESD protection and improved durability
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Additional Properties of ACC 4202

Appearance	grayish blue aqueous liquid
Density	8.3 – 8.5 lb/gal
Conductivity	$10^3 - 10^5$ ohms/square
Application Methods	Flow-coating or spray-coating
Coverage	Approximately 15 to 20 sq ft/gal <i>via</i> flow-coating method, more if overflow recycling is employed; Coverage depends on application method and film thickness

Custom Requirements

Additional coatings for ESD protection of aircraft transparencies and other substrates can be formulated for specific applications. Options include water-based vs. solvent-based, transparent vs. opaque, UV-curable, and thermally-curable coatings.

For More Information

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