



**STATIC
CONTROL
PRODUCT
SELECTION
GUIDE**

LUBRIZOL
ENGINEERED
POLYMERS

**ADVANCING MATERIALS.
ELEVATING PERFORMANCE.**

STATIC CONTROL PRODUCT SOLUTIONS



AN INDUSTRY LEADER

Lubrizol Engineered Polymers is the industry leader in engineered static control solutions. Dedicated to the delivery of permanent high quality solutions for Electrostatic Discharge protective material solutions, Lubrizol recognizes that different applications require different technologies and benefits. Our broad portfolio is designed to offer technologies and products that meet a variety of performance application needs.

PERMANENT ESD PRODUCTS FOR OTHER APPLICATIONS

Product Name	Material Type	Form / Process	Surface Resistance* (ohm)	Application(s)
Stat-Rite® S-1108	TPU – IDP	Compound for Extrusion	5 x 10 ⁹	Cleanroom Softwall Curtains, tubing, hose
Stat-Rite® E-1140	TPU – IDP	Compound for Extrusion	1 x 10 ¹⁰	FDA compliant ESD Tubing and Hose
Stat-Rite® S-840	MS Resin – IDP	Compound for Sheet Extrusion	7 x 10 ⁹	Higher stiffness ESD Packaging trays
Stat-Rite® S-1111	Master Batch for Polyethylene	Compound – 10 – 35% loading	5.9 x 10 ⁷	ESD boxes, trays, cleanroom swabs, picks, tool handles
Stat-Rite® S-1121	Master Batch for Polypropylene	Compound – 10 – 35% loading	7.0 x 10 ⁷	ESD boxes, trays, cleanroom swabs, picks, tool handles
Stat-Rite® S-1151	Master Batch for HIPS, SEBS, ABS	Compound – 10 – 35% loading	5.0 x 10 ⁷	ESD Shoe soles, Trays, ESD Conveyor Rollers
Stat-Rite® S-1181	Master Batch for Acrylic & PETG	Compound – 10 – 35% loading	4.0 x 10 ⁷	ESD Trays, Conveyor Rollers, ESD Tool Handles
Stat-Rite® S-1117N	Master Batch for Flexible PVC	Compound – 10 – 35% loading	6.0 x 10 ⁷	ESD Softwall Curtains, Cart Covers, ESD Tubing & Hose

Technologies

- Inherently Static Dissipative Alloys
- Inherently Static Dissipative Masterbatch compounds
- ESD TPU (thermoplastic polyurethane) Elastomer Compounds
- Conductive Compound and Sheet Products

Products

- Stat-Rite® Inherently static dissipative sheet and compounds
- Stat-Rite® IDP Masterbatch compounds
- Carbo-Rite™ Conductive Compounds and Sheet

PERMANENT ESD PRODUCTS FOR PACKAGING CLEANROOM APPLICATIONS

Product Name	Material Type	Form / Process	Color	Application(s)
Stat-Rite® S680	PETG-IDP	Roll Stock/ Thermoforming	Light Blue	Thermoformed trays for Cleanroom & ESD Packaging
Stat-Rite® M-809	Acrylic-IDP	Roll Stock/ Thermoforming	Natural	FDA compliant ESD Packaging trays
Stat-Rite® X-5375	MS Resin – IDP	Roll Stock/ Thermoforming	Natural	Higher stiffness ESD Packaging trays
Stat-Rite® S-250	PP-IDP	Compound – IM or Extrusion	Light Blue	ESD Swab Handles, Tote Bins
Stat-Rite® S-408	COC-IDP	Compound for IM	Natural	Photomask & Reticle Boxes
Stat-Rite® M2809	Acrylic-IDP	Compound for IM or Extrusion	Natural	ESD Swab Handles, ESDBoxes
Stat-Rite® S-1108	TPU-IDP	Compound for IM or Extrusion	Light Blue – Transparent	Flexible packaging inserts
Carbo-Rite™ M530G	Conductive HIPS	Roll Stock/ Thermoforming	Black	Tape & Reel Carrier Tape/ Conductive ESD packaging
Carbo-Rite™ TL515	HIPS CP / ABS/HIPS CP	Roll Stock / Thermoforming	Black/White /Black	Tape & Reel Carrier Tape/ Conductive ESD packaging
Carbo-Rite™ M-2530 / Carbo-Rite™ B515N	HIPS – CP	Compound for Extrusion	Black	Tape & Reel Carrier Tape, Conductive Trays
Carbo-Rite™ B260 / Carbo-Rite™ X5305H	PP – CP	Compound for IM or Extrusion	Black	PCB Racks, Boxes, Wafer Carriers
Carbo-Rite B-980	PC - GF - CP	Compound for IM	Black	ESD Trays, Fixtures

*per ANSI / ESD STM11.11-2015

LOCALLY PRESENT GLOBALLY NETWORKED

With local sales and technical support, R&D and manufacturing centers of excellence in each region, and a well-networked global supply chain, we offer a convenient, single source of reliable solutions for customers across the world.

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