



LANCO™ STAT CONDUCTIVITY PROMOTERS

Lanco™ Stat conductivity promoters are non-permanent anti-static agents for the use in plastics, inks and coatings. Due to their compatibility with a wide range of resins and solvents they can be applied in various applications like electrostatic spray coatings, powder coatings, printing inks, polyurethane foams and shoe soles, industrial flooring (epoxy, linoleum or polyurethane based), textiles and organic solvents.

Features

- Quick acting and midterm anti-static effect
- Cost effective
- Easy to apply

Lanco™ Stat conductivity promoters provide static protection by lowering the resistivity of a liquid, plastic or coating. The buildup of static electricity on surfaces and the risk of electrostatic discharge are minimized. Contamination and dust attraction are reduced. Additionally, they facilitate flow of powders and improve edge coverage of powder and liquid coatings.

Lanco™ Stat conductivity promoters - product overview*

| Product Name | Chemistry | Application |
|---------------------|--|---|
| Lanco™ Stat 308 | Proprietary | Conductivity promoter for powder coatings and plastics |
| Lanco™ Stat LI 100 | Cationic, quaternary ammonium compound | Conductivity promoter for polyurethane coatings |
| Lanco™ Stat K 100 N | Cationic, quaternary ammonium compound | Conductivity promoter for coatings and plastics |
| Lanco™ Stat FN | Cationic, quaternary ammonium compound | Conductivity promoter for polyurethane coatings and foams |
| Lanco™ Stat PUN | Cationic, quaternary ammonium compound | Conductivity promoter for polyurethane coatings and foams |
| Lanco™ Stat L 80N | Cationic, quaternary ammonium compound | Conductivity promoter for coatings |

* Please contact your Lubrizol representative to discuss custom formulations if your needs are outside what these products provide. To obtain information on product availability in your specific region, please visit lubrizol.com/Coatings/Product-Finder



Benefits

- Control of surface resistivity
- Prevention of static electricity buildup
- Minimized dirt and dust attraction
- Reduced risk of electrostatic discharge
- Improved flow of powders
- Improved application characteristics and coating quality for powder and liquid coatings
- No effect on gloss and clarity
- Excellent compatibility with various binders and solvents

Lanco™ Stat conductivity promoters - product properties

| Product Name | Aspect | Active Content [%] | Solvent | Viscosity [mPa*s] | Density [g/cm ³] |
|---------------------|--------------------------------|--------------------|----------------|-------------------|------------------------------|
| Lanco™ Stat 308 | White, free-flowing microbeads | 100 | n/a | n/a | 0.95 |
| Lanco™ Stat LI 100 | Yellow liquid | 100 | n/a | 3500 | 1.05 |
| Lanco™ Stat K 100 N | Yellow wax | 100 | n/a | n/a | 0.96 |
| Lanco™ Stat FN | Yellowish liquid | 85 | 1,2-ethanediol | 300 | 0.99 |
| Lanco™ Stat PUN | Yellowish liquid | 85 | 1,4-butanediol | 400 | 0.98 |
| Lanco™ Stat L 80N | Clear colorless liquid | 80 | Butanol | 160 | 0.94 |

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