Anti-Stat (I) Concentrate for Polypropylene

Product

Anti-Stat (I) Concentrate for Polypropylene is composed of a proprietary formulation to be used as a surface modifier thermoplastic concentrate for use in polypropylene films, thick-gauge and fiber applications. Producing polypropylene parts using this concentrate will result in improved static dissipation on and throughout the polypropylene part.

Recommended Use

Anti-Stat (I) Concentrate for Polypropylene can be custom formulated to achieve the appropriate processing and performance requirements. Our standard versions should be used from 0.5% to as much as 3% by weight. Increasing the amount used increases the degree of anti-static properties achieved until a maximum static discharge is achieved.

The concentrate should be thoroughly gravimetrically blended with virgin polypropylene homopolymer resins.

Physical Properties of Concentrate

- **Appearance:** Cylindrical Pellets
- **Color of Pellets:** Clear, white to Slightly Off white
- **Specific Gravity:** <1.0

Processing Conditions

Anti-Stat (I) Concentrate for Polypropylene should be used in the extrusion process at less than 500 degrees Fahrenheit. (260°C)

Other/Special

Anti-Stat (I) Concentrate for Polypropylene may also have an effect on water adhesion and carry-over on the surface of the polypropylene produced from it. Anti-Stat (I) Concentrate for Polypropylene is hydrophilic in nature and will promote wetting on the surface of the polypropylene.

We highly recommend that you consult with your technical service representative in your evaluations and end use applications of this product.

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