

# Dynamic Modifiers

“Free to Imagine”

## *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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