



ADIMOK

TP-1 Charge Enhancing Agent

Description

TP-1 is a hindered amide used as charge-enhancing agent to improve powder coating transfer efficiency and minimize Faraday-Cage effects during application.

Specification

Appearance	Pale yellow flake (visual)
Volatile (%)	≤1.0[GB 1725]

Characteristics

1. Can enhance the conductivity to improve powder coating transfer-efficiency, application performance and minimize Faraday-Cage effects during electrostatic powder spray.
2. Used in both corona application and tribo application.
3. Can increase friction charged performance at low use levels.
4. Can provides improved substrate wetting, result in better flow and appearance of film.
5. Quite good thermo-stability and anti-yellowing.
6. Have no catalytic activity, does not affect the gloss and gel time of coat.

Use method & levels

1. TP-1 with other components of the formula before extrusion.
2. The use level is 0.2-0.4% by weight calculated on total formula.

Packaging & Storage

1. Packaging with PE lined Kraft paper bags. N.W.: 25KGS/Bag.
2. Store in temperature between 2-32°C or cool dry place to avoid caking. Keep package closed after using. Keep away from heat and fire.
3. Based on our experience the shelf life of this product under above conditions is at least 2 years.