

DISPARLON

July 2019

DISPARLON PL-550A

(Leveling / Flow agent for powder coatings)

DISPARLON PL-550A is a leveling/flow agent for powder coatings composed of 100% organic blend of an acrylic polymer and a castor oil derivative. **DISPARLON PL-550A** is specially processed into solid powders. Thus it can be dry-blended in a pre-mixing stage before kneading. Unlike conventional liquid type or inorganic powder type products, **DISPARLON PL-550A** can decrease the melting viscosity and can improve dispersing efficiencies and leveling properties. **DISPARLON PL-550A** can prevent popping, pin holes, and can improve gloss and D.O.I.

ADVANTAGES

- Reduces melt viscosity and improves flow
- Improves substrate wetting, leveling and D.O.I.
- Prevents film defects such as pin holes, craters, flooding and floating
- Improves pigment dispersibility
- No affect on recoatability

APPLICATIONS

DISPARLON PL-550A can be used in a wide range of colored paint systems and is suitable for thermosetting powder coatings (Acrylics, Epoxies, and Polyesters), and isocyanate curing polyester coatings (PCM powder).

INCORPORATION

Additive levels : 1.0 ~ 3.0% by wt. on total formulation (2% for PCMs)

Method : Dry-blend at a pre-mix stage is recommended

TYPICAL PROPERTIES

| | |
|---------------|-------------------------------|
| Appearance | Light yellow powder |
| Melting point | 85 °C |
| Density | Approx. 1.0 g/cm ³ |



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