



Dispersant

RD-9785

Features and Advantages:

- 1、 RD-9785 super dispersant belongs to the polymer dispersant, it has a wide range of use, can meet the requirements of extrusion, blow molding, injection molding, profiles and other applications. Performance is much higher than stearic acid, polyethylene wax and EBS dispersants.
- 2、 good dispersion effect: reduce the time and energy needed to complete the dispersion process, and the dispersion is stable, will not reunite.
- 3、 Good compatibility with matrix and filler.
- 4、 stable processing, high heat resistance, improve processing performance: in the formula can be added additional calcium carbonate and other inorganic powder added amount, and can maintain the physical properties of the material, super dispersant by shortening the plasticizing time to maintain physical properties, but also effectively improve the extrusion rate.
- 5、 Improve fluidity, improve product appearance, and increase output.

Product specification:

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appearance	White particles
The chemical structure	A polymer containing a chain of polyester molecules
noe	Up to 350 °c

Field of Application:

1. Filling modification of thermoplastic plastics: it is especially recommended to be applied in fillers with high mesh number and difficult to disperse, and the dispersion effect is good and stable.

2, thermoplastic elastomer industry: good dispersion, no pitting on the surface and other phenomena, and improve the product surface gloss, flatness;

3, color master and color matching industry: especially recommended in the difficult to disperse organic pigments and carbon black system, good dispersion effect, good coloring power.

4, flame retardant materials: in the formula system can be a good dispersion of flame retardant, is conducive to give full play to the effect of flame retardant.

Note: THE SUPERDISPERSANT NEEDS TO BE PREMIXED WITH RESIN, pigment or FILLER BY SPIRAL MIXER or HIGH speed MIXER. The subsequent processing of the mixture is the same as the original process.

Recommended dosage:

Amount of powder: 1-10% or total amount of formula: 0.1-0.5%



(subject to application test)

Packing: net weight 25Kg/ box

Storage: Keep away from high temperature and fire source;
Place in a cool and ventilated place. Please seal after use;
The shelf life is 36 months.