

SAG CONTROL AGENTS

Anti-Sagging Resin 906S

Positioned against Nuplex 91795

Fluid SCA at 58-62% solids for high quality automotive solid colours and clearcoats.

Overview

906S is a sag control agent based on an acrylic polymer modified with a polyurea compound. It is supplied as a milky white thixotropic fluid at 58-62% solids, with structure finer than 10 microns. It raises vertical film build, orients metal pigment, stops settling and still gives excellent appearance and gloss, which is why it is written for high quality automotive solid colour paints and varnishes.

Typical Data

Property	Value
Appearance	Milky white thixotropic fluid
Solids	58-62%
Thixotropy (25C, 6 rpm / 60 rpm, number 4 spindle)	3-8
Amine value	Below 8 mg KOH/g on solids
Fineness	Below 10 microns
Solvent	Xylene / CAC 85/15
Storage	Below 30C
Shelf life	12 months
Packing	200 kg drum

Recommended Dosage

Basis	Addition level
On finished formulation	8-12%

Dispersant figures are percentages on pigment weight, not on the total batch. Published values are empirical; confirm the optimum with a dosage ladder in your own system.

Use Guide

- Dose at 8-12% on the finished formula.
- Because the structure is finer than 10 microns, it can be used in clearcoat without the haze a coarser SCA would bring.
- Store below 30C; shelf life is 12 months.

Applications

- Automotive solid colour topcoats
- Automotive clearcoat and varnish
- Metallic basecoats needing both orientation and sag control

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