RHEOLOGY MODIFIER SHOWCASE

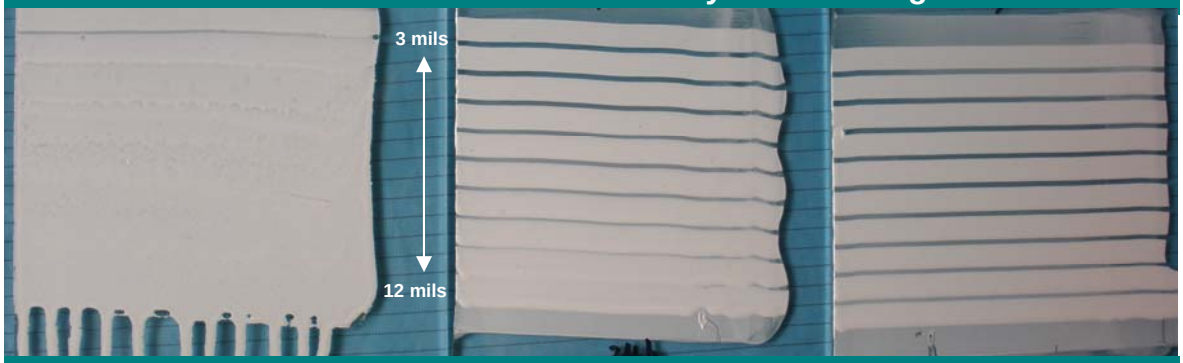
K-STAY® 511

Liquid Thixotrope for Non-aqueous Pigmented Systems

K-STAY 511 is a liquid thixotrope for pigmented solventborne applications. It is a pourable liquid which makes for ease of use in production. K-STAY 511 is highly efficient requiring low dosage levels to improve pigment suspension and sag control. K-STAY 511 provides the following benefits:

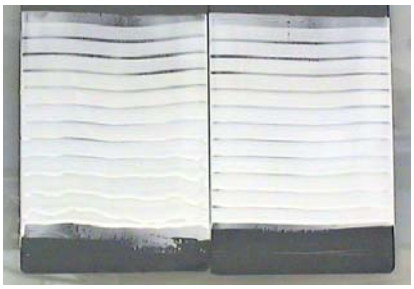
- Ease of use - pourable liquid
- Excellent sag resistance in high solids systems
- Eliminates hard settling
- Excellent performance in polar solvents
- Effective at low dosage levels

K-STAY 511 Performance - 2K Coil & Can Polyester Coating

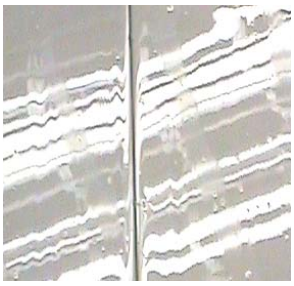


As shown in the photos above, K-STAY 511 offered effective sag resistance at use levels as low as 0.2% to 0.4% in a 2K Polyester Coil and Can Coatings.

K-STAY 511 Performance - 2K Urethane



The photo on the left shows, the sag resistance achieved with the addition of 0.5% K-STAY 511 in a 2K Urethane. As shown to the right, the addition did not adversely impact gloss as some other types of rheology modifiers are known to do.



Applications - Systems

K-STAY 511 is designed to be effective in a wide range of pigmented solventborne formulations including acrylics, polyesters, urethanes, alkyds and epoxies.

Typical Use Level

0.2 to 3.0% as supplied on totalformula weight

Typical Properties

Appearance	Clear light brown liquid
% Active	50
Weight per Gallon, 25°C	7.7 lbs.

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