



A Step Ahead...

# QUAKER COLOR

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## PRODUCT LITERATURE

### **ST-844 DULL SOFT FEEL RESIN**

**ST-844** is a unique **Solvent Free**, inherently dull, lightfast polyurethane resin with exceptional physical properties in terms of abrasion resistance, flexibility, and water resistance.

**ST-844** can be used in base coat or topcoat formulations to produce low gloss coatings with exceptional physical properties and **Soft Touch** hand feel aesthetics. Based on the inherently dull characteristics of **ST-844** low gloss coatings can be produced without the need for external dulling agents. By reducing or eliminating the need for external dulling agents the coatings physical properties and surface feel is enhanced.

**ST-844** is compatible with most acrylic and polyurethane resins, and can be crosslinked with **XL-36 X-Linker** to enhance performance.

Automotive topcoats prepared with **ST-844** exhibit, excellent flow, and surface feel properties and wet crock resistance.

#### Typical Properties:

<i>Total Solids:</i>	<b>35</b>	<b>%</b>
<i>Density:</i>	<b>1.04</b>	<b>g/cm<sup>3</sup></b>
<i>Viscosity:</i>	<b>300</b>	<b>cps</b>
<i>pH:</i>	<b>8.6</b>	

#### Film Properties:

<i>Tensile Strength:</i>	<b>4000</b>	<b>psi</b>
<i>Elongation:</i>	<b>900</b>	<b>%</b>
<i>Modulus at 100% Elong:</i>	<b>450</b>	<b>psi</b>