

ACURE 510-375 is a modified malonate-functional high flow polyester resin, which functions as a donor resin in ACURE, non-isocyanate, coatings systems. ACURE topcoats based on ACURE 510-375 feature excellent hardness development coupled with excellent outdoor durability, high crosslink densities and outstanding chemical resistance. ACURE 510-375 contains 1.5% succinimide, a kinetic additive, which increases pot-life and open time.

### SPECIFICATIONS

<b>Non-Volatiles:</b> ISO 3251, <i>STM 001G</i>	87 - 92 %
<b>Viscosity:</b> ISO 3219, <i>STM 012J</i>	8.0 - 13 Pa.s
<b>Acid value (as such):</b> ISO 3682, <i>STM 303A</i>	max. 0.8 mg KOH/g
<b>Colour APHA (Lico):</b> ISO 6271, <i>STM 008F</i>	max. 300 APHA
<b>Appearance:</b> <i>STM 017A</i>	Clear, free of extraneous matter

### TYPICAL PROPERTIES

<b>Equivalent weight ((malonate C-H)):</b>	175 g/Eq
<b>Density:</b> DIN 53217	1.10 kg/dm <sup>3</sup>
<b>Flash point:</b> ISO 1523	min. 94 °C

### REMARKS

STM: Allnex method of determination (available on request).

STM 001G: spreading agent is xylene.

This product contains 8 – 10 % of a malonate functional reactive diluent. These additional reactive CH moieties are taken into account in the CH equivalent weight provided above.

### TECHNICAL FEATURES

High order of hardness, abrasion and mar resistance with improved flexibility and adhesion on multiple substrates. Solvent- free.

### APPLICATION

- Premium industrial topcoats applied over epoxy primers.
- Topcoats for wood.

### STORAGE CONDITIONS

Keep container tightly closed and dry in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition.

### SHELF LIFE

Standard shelf life is 365 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.