

ACRY-301

Acry-301-60% is a short oil oxidizing acrylic modified alkyd resin, in combination with Glycerol and Penta Erithritol.

PRINCIPAL PROPERTIES

Excellent deep drawing properties, excellent adhesion, Excellent and well tooling properties, Good Color and Color retention.

APPLICATIONS

In pigmented roller coating enamels, ACRY-301-60% is recommended for use without modification; however traces of metallic driers or minor amounts of amino resin may be added to increase surface hardness. Where these modifications are made, however, the flexibility and forming properties may be adversely affected.

- BAKING SYSTEM
- ROLLER COATING

Baking Schedule:

Enamels or clear varnishes based on ACRY-301-60% will normally baked in the range of 15 minutes at 150°C and 10 minutes at 170°C Temperature

COMPOSITION

Oil Content	Approx. 44 %
Type of Fatty Acid	Mix Fatty Acid
Solvent	Aromax

PHYSICAL CONSTANTS

Viscosity in 42% Solution in Garomax-150 at 30°C Temperature in Ford Cup B-4	90 – 110 Second
Acid Value (mg KOH/gm)	15 Max
Color on Gardner Scale	6 Max

SOLUBILITY

Xylene	Complete Soluble
Cellosolve Solvent	Complete Soluble
n-Butyl Acetate	Complete Soluble
Methyl Ethyl Ketone	Complete Soluble
n-Butanol	Limited Soluble
MTO / WS	Not Soluble

COMPATIBILITY

Short Oil in Xylene/Toluene	Not Compatible
Melamine Resin	Not Compatible
Urea Resin	Not Compatible
Long Oil in MTO/WS	Not Compatible

DELIVERY FORMS

ACRY – 301	60 ± 2% in Aromax
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Guideline for Baking Clear

ACRY – 301	100.00 Gm
Cobalt Octate (6%)	0.20 Gm
Total	100.020 Gm

Drying Time

Panel Test (150°C for 15 Minutes)	100 Micron Applicator
Panel Testing Baking Hardness	4H