

TECHNICAL DATA SHEET

PRODUCT CODE : MEHKYD 282 X (70%)
(FAST DRYING CHAIN STOP ALKYD RESINS)

PARAMETERS	SPECIFICATION
Non-Volatile content, % @ 150° C	70 +/- 2
Volatile	Xylene
Viscosity in B Ford Cup in 50% Xylene at 30 °C	110 - 140 Seconds
Non-Volatile content, % 150°C	70
Colour, Gardner scale (ISO 4630)	≤ 10 Gardner
Flash Point, °C	24
Acid value, mg KOH/g	≤12
Density at 20°C	0.96
Oil or Fatty Acid Type	Linoleic
Oil Length in %	45%
Hydroxyl Equivalent Weight	909
Hydroxyl Content	1.87

Note: Acid Value and Hydroxyl Eq. Weight quoted relative to solid resin

PRODUCT INFORMATION:

MEHKYD 282 X (70%): is a short oxidizing alkyd resin; which is made in combination with Pentaerythritol. It is specially recommended for use in vehicle refinishing fast air drying and stoving paints applications. This resin can be use in two pack applications. It is available in 70%b solid

Particular Advantages gained by using this resin include

- Air Drying, low bake and two pack from a single base resins.
- Excellent Gloss and gloss retention
- Good adhesion on metal surface.
- Excellent colour and colour retention.
- Good surface and through drying.
- Advantage of increase solid Content.

Recommendations:

Air drying systems 0.05%CO, 0.5%Pb, 0.1%Ca, calculated as metal on solid resins content are recommended in air drying systems.

S.D.-15 Mins.**T.D.- 120 Mins****H.D. -O/N**

In low bake system recommended level of melamine Formaldehyde is 5-15% on solid resin basis are added and then baked at 80c for forced Bake industrial staving finish.

Solubility:

MEHKYD 282 X (70%) is completely soluble in aromatic hydrocarbons, ketones and esters. It is having low solubility in aliphatic hydrocarbon and in alcohols. Solvents containing alcohols groups are not used while using it for two-pack system.

COMPATIBILITY: MEHKYD 282 X (70%) is compatible with all short and some medium oil alkyd resins and also with amino resins especially amino resins which is having xylene tolerance. It is compatible with isocyanate adduct resins. It is not compatible with long oil alkyds, Chlorinated rubber, NC Resins, and vinyl resins.

USES:

MEHKYD 282 X (70%) is ideal choice for industrial grade fast drying Enamels and undercoats. small additions from 5-15% in xylene and some MTO based alkyds can improve the drying. It also use for vehicle refinishes.