

TECHNICAL DATA SHEET

**PRODUCT CODE : MEHKYD 293 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 40% Xylene at 30 C	45 - 60 seconds
Non-Volatile content, % 150°C	70
Colour, Gardner scale (ISO 4630)	≤ 10 Gardner
Flash Point, °C	24
Acid value, mg KOH/g	≤ 15
Density at 20°C	0.96
Oil or Fatty Acid Type	Linoleic
Oil Length in %	28%

Note: Acid Value quoted relative to solid resin

PRODUCT INFORMATION:

MEHKYD 293 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 is available in 70% solids. Particular advantages gained by using this resin include:

- Excellent colour and colour retention.
- Excellent Gloss and gloss retention
- Rapid air drying.
- Good adhesion on metal surface.
- Good re-coat ability.

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.-5 Mins.

T.D.- 45-60 Mins

H.D. -0/N

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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 293 X (70%) is completely soluble in aromatic hydrocarbons, ketones and esters. It does have very limited solubility in alcohols. It doesn't have solubility in aliphatic hydrocarbon.

COMPATIBILITY: MEHKYD 293 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 not compatible with long oil alkyds, chlorinated rubber, NC resins, and vinyl resins.

USES:

MEHKYD 293 X (70%) is used for vehicle refinished and fast drying industrial finishes. It also gives in making of heavy duty primers.