

CUROX®CM-75 FX

Methyl ethyl ketone peroxide; Cumyl hydroperoxide
CAS#1338-23-4; 80-15-9
Red liquid

Description

CUROX®CM-75 FX is a red dyed solution of Methyl ethyl ketone peroxides and Cumyl hydroperoxide in phlegmatizer. CUROX®CM-75 FX equally replaces the former CUROX®CM-75R. CUROX®CM-75 FX is a liquid radical initiator for the ambient temperature cure of unsaturated polyester and vinyl ester resins with the following advantages/properties:

- Very low peak exotherm temperature
- Slower gel time than standard MEKP
- Excellent final cure (in thin and thick laminates)
- Low impurity levels (water, MEK, salts)
- Less shrinkage and stress problems

This red dyed version helps to control homogenous mixing and during curing discoloration will take place again.

Technical Data

Appearance	Red liquid
Active oxygen (AO)	ca. 8.9 % w/w
Density at 20 °C	ca. 1.0 g/cm ³
Flash point	> 65 °C
Critical temperature (SADT)	ca. 60 °C
Cold storage stability	Below - 10 °C
Recommended storage temperature	max. 25 °C
Storage stability as from date of delivery	6 months

Standard Packaging

25 kg HDPE canister

Technical Data Sheet (TDS)

CUROX®CM-75 FX
Thermoset (TS)

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Application

CUROX®CM-75 FX has a flat and low exotherm curve which ends up in a good 24-hour cure. This curing behaviour reduces stress, cracking and shrinkage problems in laminates and castings. Less shrinkage also means less fibre print through of gel coated surfaces. The gel time and cure time is slower compared to standard MEKP products.

CUROX®CM-75 FX can be used when you want to build up thick laminates in one step, or if the laminate has big variations in thickness, or when you have high resin loadings.

Typical applications are vacuum bag moulding of big units, filament winding of pipes and tanks with thicker laminates or polyester concrete systems with high resin to filler ratio.

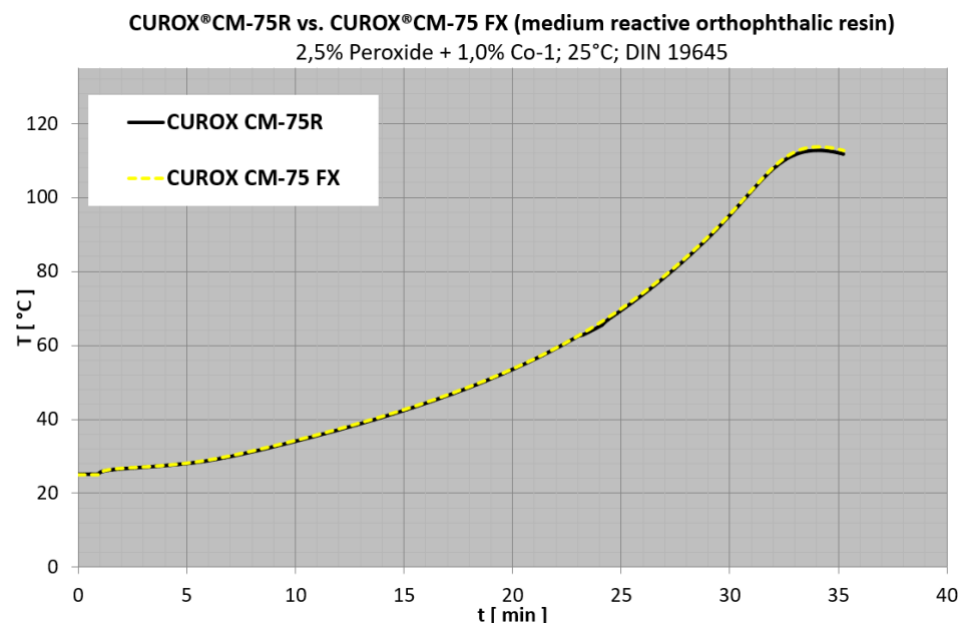
Decomposition Products

Possible detectable decomposition products: Methyl ethyl ketone, Acetone, Acetophenone

Storage

Avoid any source of heat, light, humidity and protect the product from impurities. Keep within save temperature limits.

Measurements



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