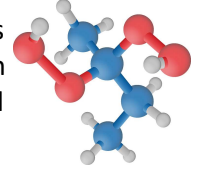


CETOX-50

Date of update: May 15, 2017

Cetox-50 is a peroxide initiator used for copolymerization of unsaturated polyester resins. It is mainly applied in the presence of cobalt accelerators at ambient temperature. It can be used in hand lay-up and spray lay-up. In comparison with Metox-50 it presents less active oxygen and shows longer copolymerization as well as smaller exothermic effect.



Product description	Cyclohexanone peroxide
Appearance	Clear, colorless solution
Active oxygen	4,8 ÷ 5,1%
Peroxides	23 ÷ 26%
Water content	Approximately 5,1%
Density at 20°C	1,075 ÷ 1,080 g/cm ³
Solubility	Soluble in different organic solvents (ethyl acetate, butyl acetate)
Slightly soluble in	Water
SADT	60°C
Recommended storage temperature	0 - 25°C
Hazards	Oxidizing agent, decomposes rapidly under the influence of heat, mechanical impurities or by contact with reducing agents. Never mix hardener with accelerator.
<i>Recommended precautions and first aid measures - see Material Safety Data Sheet for the mixture.</i>	

Copolymerization process: resin (100g) - hardener (2g)

Hardener	Gelling time	The highest temperature	Time to temperature peak
	[min]	[°C]	[min]
CETOX-50	33-35	104,2-107,0	49-52
METOX-50	24-26	153,0-159,4	41-45

Data for the resin used: orthophthalic unsaturated polyester, thixotropic – preaccelerated, low styrene emission.

All product information and suggestions herein are provided in good faith and in a reliable manner. Oxytop does not guarantee as to the completeness of the information contained herein for purpose or fitness for a particular purpose. Oxytop does not guarantee that all possible use does not infringe any patent. The purchaser should determine the suitability of the product for a particular purpose, by preliminary tests.

This document supersedes all previously issued data sheets (TDS) for a specific product. It is allowed to transmit, distribute, copy this document only in its original form, with headers and footers. It is not allowed to place the document on the website.