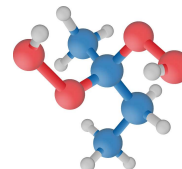


CETOX-300E

Date of update: June 23, 2017

Cetox-300E 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 layup.

It is less active then Cetox-50 and more active then Cetox-200E.



Product description	Cyclohexanone peroxide in ethyl acetate
Appearance	Clear, colorless solution
Active oxygen	2,8 ÷ 3,0%
Peroxides	13 ÷ 15%
Water content	Approximately 3,2%
Density at 20°C	0,997 ÷ 1,002 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-200E	81-92	53,6-58,6	118,5-130,0
CETOX-300E	53-55	82,2-84,8	82,0-86,0
CETOX-50	33-35	104,2-107,0	49,0-52,0

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

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