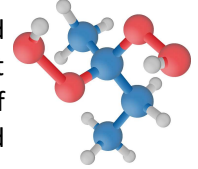


METOX-50/METOX-50R*

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Metox-50/Metox-50R are peroxide initiators used for copolymerization of unsaturated polyester resins. They are used mainly applied in the presence of cobalt accelerators at ambient temperature. They can be used in hand lay-up and spray lay-up. Because of smaller amount of water it is recommended as a hardener for polymeric concretes, unfilled varnishes, gel coats and others.



Product description	2-butanone peroxide in dimethyl phthalate
Appearance	Clear, colorless solution * Clear, red solution
Active oxygen	9,3 ÷ 9,8 %
Peroxides	33 ÷ 36 %
Water content	Approximately 2,3%
Density at 20°C	1,169 ÷ 1,175 g/cm ³
Solubility	Phthalates
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]
METOX-50	24-26	153,0-159,4	41-45
METOX-50W	27-28	145,0-149,4	46-48
METOX-50WR	26-28	143,4-150,2	45-49

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

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