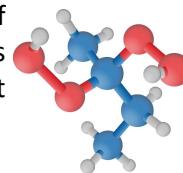


PERMIX-MCHP90/PERMIX-MCHP90R*

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Permixon-MCHP90/Permixon-MCHP90R are peroxide initiators used for copolymerization of unsaturated polyester resins. They may be applied as a hardener for thicker layers of laminates on the basis of unsaturated polyester resins at room temperature, in the presence of cobalt accelerator. In comparison with Metox-50W they present longer gel and cure time.

The initiators may be also applied as an alternative to MEKP in the summer time.



Product description	2-butanone peroxide and cumene hydroperoxide in dimethyl phthalate
Appearance	Clear, colorless solution * Clear, red solution
Active oxygen	8,6 ÷ 9,1%
Peroxides	47%
Water content	Approximately 1,5 %
Density at 20°C	1,137 ÷ 1,145 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]
PERMIX-MCHP90	31-33	155,4-158,6	53-55
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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