

Table 3

The impact of dimethylenedioxiide group on the thermolysis of peroxides

Peroxide	Solvent	Temperature, °C	Original concentration, mole/l	$k \cdot 10^{-4}, c^{-1}$
I	benzene	50	$4 \cdot 10^{-2}$	0.35±0.04
		60		1.20±0.02
		70		3.30±0.02
	ethylbenzene	50		0.69±0.04
		60		1.96±0.04
		70		4.38±0.02
II	benzene	50	$4 \cdot 10^{-2}$	0.25±0.06
		60		1.00±0.05
		70		3.10±0.02
	ethylbenzene	50		0.68±0.03
		60		1.90±0.06
		70		4.36±0.04
III	benzene	50	$5 \cdot 10^{-2}$	0.50±0.04
		60		1.70±0.03
		70		5.32±0.03
	ethylbenzene	50		0.39±0.05
		60		1.08±0.02
		70		3.30±0.02
IV	benzene	50	$5 \cdot 10^{-2}$	0.40±0.03
		60		1.42±0.03
		70		5.20±0.02
	ethylbenzene	50		0.36±0.04
		60		1.08±0.02
		70		2.98±0.02