

NOURYON ORGANIC PEROXIDE

Product Selection Guide

H.M. Royal is proud to offer crosslinking peroxides from Nouryon. We supply organic peroxides in a variety of classes to meet your unique requirements.

Use this guide to find the best product for your application.



Nouryon

PRODUCT	CHEMICAL NAME	PEROXIDE CONTENT (%)	MAXIMUM STORAGE TEMPERATURE (°C)	SADT (°C)	SAFE PROCESSING TEMPERATURE (°C)	TYPICAL CROSSLINK TEMPERATURE (°C)
Trigonox® 145-B-pd*	2,5-Dimethyl-2,5-di(tert-butylperoxy)hexyne-3	45	30	75	145	185
Trigonox® B	Di-tert-butyl peroxide	99	40	80	145	180
Trigonox® 101*	2,5-Dimethyl-2,5-di(tert-butylperoxy)hexyne	93	40	80	135	175
Trigonox® 101-45B-pd	2,5-Dimethyl-2,5-di(tert-butylperoxy)hexyne	45	40	80	135	175
Trigonox® 101-45S-ps	2,5-Dimethyl-2,5-di(tert-butylperoxy)hexyne	45	40	70	135	175
Trigonox® T	Tert-butyl cumyl peroxide	95	40	80	135	175
Perkadox® 14-Sfl*	Isopropylbenzene	96	30	80	135	175
Perkadox® 14-40B-pd	Isopropylbenzene	40	30	80	135	175
Perkadox® 14-40K-pd	Isopropylbenzene	40	30	80	135	175
Perkadox® BC-ff*	Dicumyl peroxide	99	30	75	130	170
Perkadox® BC-40B-pd	Dicumyl peroxide	40	30	75	130	170
Perkadox® BC-40K-pd	Dicumyl peroxide	40	30	75	130	170
Trigonox® 17-40B-pd*	Butyl 4,4-di(tert-butylperoxy)valerate	40	30	60	125	160
Trigonox® 17-40MB-gr	Butyl 4,4-di(tert-butylperoxy)valerate	40	30	60	125	160
Trigonox® 29-40B-pd*	1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane	40	30	60	115	145
Trigonox® 29-50PA-pd	1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane	50	30	60	115	145
Trigonox® C*	Tert-butyl peroxybenzoate	98	25	60	100	140
Trigonox® 42-40B-pd	Tert-butyl peroxy-3,5,5-trimethylhexanoate	40	25	60	75	120
Perkadox® L-50S-ps	Dibenzoyl peroxide	50	30	60	85	105
Perkadox® PD-50S-ps	Di-2,4-dichlorobenzoyl peroxide	50	30	55	75	90

*Available with another carrier (e.g., calcium carbonate). Contact an H.M. Royal expert for more info.