

Crosslinking peroxides for cables

Nouryon's range of organic peroxides for the crosslinking of cable compounds based on elastomers and/or thermoplastics is the world's largest. Raw materials applied by the cable industry must meet a wide range of quality requirements as set by the cable producers as well as final consumer. Our crosslinking peroxides are used by cable compounders and cable producers for a variety of products, meeting requirements as specified by the low-, medium- and (extra)high voltage cable industry. Neat peroxides, with highest purity, as well as dedicated peroxide formulations, based on well selected inert carriers, are available for different market segments.

Our product range

Our crosslinking peroxide product range is applied for thermoplastics such as ethylene (co-)polymers as well as elastomers, e.g.; EP(D)M, EVA, (H)NBR, silicone rubber, etc. Companies all over the world depend on our Trigonox[®] and Perkadox[®] organic peroxide brands.

Examples include:

Pure peroxides for power cable

- Perkadox[®] BC (DCP): for insulation
- Perkadox[®] 14S: for semi-con
- Trigonox[®] T: for Direct Peroxide Injection (DPI)

Peroxide formulations for thermoplastic and elastomer based cables

Full range of crosslinking peroxides, offered as:

- 40 - 50% active formulations
- Powders, granules, polymer bound
- Various carriers; silica, calcium carbonate, clay
- Custom made formulations

Peroxide paste formulations for silicone rubber cables

- Perkadox[®] PD-50S-ps for pressureless cure
- Perkadox[®] PM-50S-ps for pressureless cure - halogen free!
- Perkadox[®] BC-40S-PS, Trigonox[®] 101-45S-PS when set properties are critical

Much of our success is due to our philosophy of creating close partnerships with our customers. What do you want to achieve? From safe operations, optimizing applications, improving efficiencies, resolving difficulties or even developing new crosslinking systems, we are happy to meet with you to discuss your requirements.



Contact us

For product inquiry and ordering information, please contact your Nouryon account manager or regional Nouryon sales office.

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Additional information

Product Data Sheets (PDS) and Safety Data Sheets (SDS) for our polymer crosslinking products are available at [nouryon.com](https://www.nouryon.com)

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