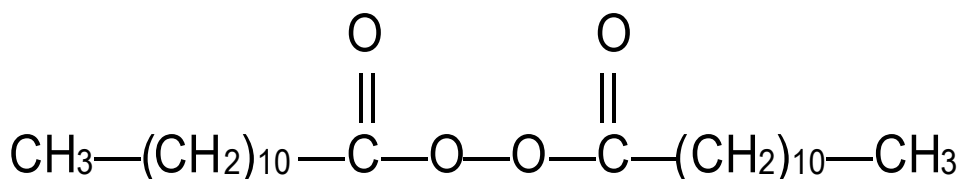


PEROXAN LP

High Polymers
Diacyl peroxides

Description: Dilauroyl peroxide
98% , Flakes

PEROXAN LP is used for the (co)polymerization of vinylchloride, vinylidenechloride, acrylates and methacrylates.



Molecular weight: 398,6
CAS No.: 105-74-8

Technical data: Appearance: white flakes
Peroxide assay: min. 98%
Active oxygen assay: min. 3,93%
Bulk density at 20°C: 400 kg/m³

Half life time: in chlorobenzene

t _{1/2}	10h	1 h	1 min
at	61°C	79°C	117°C

Storage: Maximum storage temperature (T_{s,max}): 30°C
Storage stability as from date of delivery: 6 months

Organic Peroxides are more or less stable products but will decompose under the influence of heat. To minimize a loss of quality during storage, it is important that the recommended maximum storage temperature is not exceeded. If a minimum storage temperature is given, an undesirable process such as a solidification or phase separation, is known to occur below this temperature.

Thermal stability: SADT: 50°C
Emergency temperature (T_{em}): 45°C
Control temperature (T_c): not required

The SADT is the lowest temperature at which a self accelerating decomposition may occur. The emergency temperature is derived from the SADT. It is the temperature at which emergency actions have to be taken. The control temperature is the maximum temperature at which the product can be transported safely.

PEROXAN LP

High Polymers
Diacyl peroxides

Application:

Polymerization of vinylchloride:

PEROXAN LP may be used in suspension polymerization of vinylchloride.

Temperature range: 50 to 70°C
Dosing: 0,1 to 0,3 phr

Polymerization of acrylates and methacrylates:

PEROXAN LP can be used as initiator for the polymerization of acrylates and methacrylates as a replacement for 2,2'-Azobis(isobutyronitril) (PEROXAN AZDN).

Temperature range: 60 to 90°C
Dosing: 0,1 to 0,3 phr

Other applications:

PEROXAN LP may also be used for the polymerization of vinylidenchloride.

Packaging:

25 kg Cardboard box

Major decomposition products:

Carbon dioxide, Docosane, Undecane, Undecyl dodecanoate

Safety and handling:

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN LP. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available for downloading at www.pergan.com or through contacting Pergan directly.

The information presented herein is true and accurate and to the best of our knowledge, but without any guarantee. Since the conditions of use are beyond our control we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.