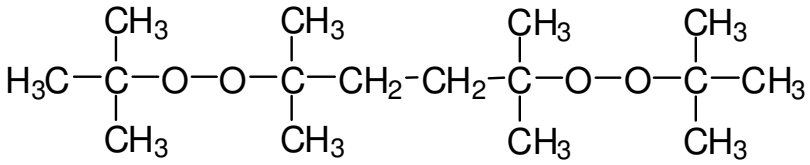
Technical Data Sheet

KMC DHBP-C-20A

2,5-Dimethyl-2,5-di (tert.butylperoxy) hexane
CAS#78-63-7
20% on PP carrier, pearls
Molar mass: 290.4 g/mol

Structural Formula



Description

White pearls, consisting of approx. 20% w/w 2.5-Dimethyl 2.5-di(tert.butyl peroxy) hexane, on a polypropylene carrier. This bifunctional dialkyl peroxide can preferably be used as an initiator (radical source) to control rheology of polypropylene at above 200°C.

Technical Data

Appearance	white pearls
Peroxide content	approx. 30 % w/w
Active oxygen (calculated)	approx. 3.5 % w/w
Bulk density	approx. 0.47 kg/l
Critical temperature (SADT)	approx. 90 °C
Recommended storage temperature	below 40 °C
Storage stability as from date of delivery	6 months

Application

CR-POLYPROPYLEN:
A radical source to control the rheology of polypropylene.
Temperature range: 200-220°C, usage level: 0.05-1.0% w/w of product as supplied, based on the polymer.

Advantage: Solid supply form, convenient dosing. Compatible with all PP types, enables homogeneous blending of initiator and polymer.

Vis-breaking effect is a considerably lower molecular weight, the statistical distribution is significantly narrower. Melt flow index (MFI), i.e. melt flow rate, is increased.

Standard Packaging

20kg Cardboard box