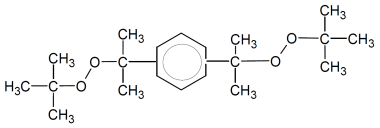
PEROXAN BIB-80 P

Dialkyl peroxide / Curing

Description

Di-(2-tert.-butyl-peroxyisopropyl)-benzene
80%, Powder with chalk

PEROXAN BIB-80 P is used for the curing of unsaturated polyester resins.



CAS No.:	**25155-25-3**

Technical data

Appearance:	**white powder**
Active oxygen assay:	**appx. 7.56%**
Density at 20°C:	**400 g/cm³**

Solubility

Insoluble in water, Soluble in aromatic and aliphatic solvents, ketones

Storage

Maximum storage temperature (Ts max):	**30°C**
Storage stability as from date of delivery:	**6 months**

Hazardous reactions

Keep packaging tightly closed in a well ventilated place at indicated storage temperature. Keep away from reducing agents e.g. amines, acids, alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps). Never weigh out in storage room.

Oxidizing agent. Decomposes violently under the influence of heat or by contact with reducing agent. Never mix with accelerators.

Safety characteristics

Flash point:	>SADT°C
SADT:	80°C

The SADT (Self Accelerating Decomposition Temperature) is the lowest temperature at which a self accelerating decomposition may occur.

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Application	PEROXAN BIB-80 P is used for the curing of unsaturated polyester resins at elevated temperatures. PEROXAN BIB-80 P is preferred for the curing of UP resin based hot press moulding formulations in the temperature range from 130° to 170°C. It is specially suitable for GMC; as a solid it ensures good homogenization in the compound. The stability of this Dialkyl peroxide in an UP resin is hardly influenced by the presence of metal accelerators, pigments or fillers. Depending on working conditions, the following peroxide dosage level is recommended: PEROXAN BIB-80 P: 1,0 to 2,5 phr
Packaging	**20kg cardboard box**
Major decomposition products	**Acetone, Acetyl-2-hydroxyisopropylbenzene, Di(2-hydroxyisopropyl)benzene, Diacetylbenzene, Methane, tert-Butanol**
Safety and handling	Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN BIB-80 P. 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.

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