

SINOXE DCBP-50

SINOXE DCBP-50 is a white, stiff paste consisting of 50% Di(2,4-dichlorobenzoyl)peroxide, desensitized with silicone oil. This halogenated diaryl peroxide is used as a source of radicals in the cross-linking of polymers above 100°C, primarily silicone rubber.

➤ FEATURES

- ✚ It is ideally suited for fast curing of thin cross-sections in continuous cures.
- ✚ Can be used in hot air cures at atmospheric pressures at temperatures from 150-250°C.
- ✚ Decomposition products have a very low vapor pressure so porosity does not normally occur.

➤ APPLICATIONS

- ✚ This peroxide is used as a catalyst for cross-linking a variety of synthetic rubbers, primarily silicone; at temperatures above 100°C.

PROPERTIES

IUPAC Name of Peroxide	Bis(2,4-dichlorobenzoyl) peroxide,50%.
State	Solid
Density	–
Melting point	–
Theoretical Active oxygen	4.21%
Appearance	White Paste
Solubility	Soluble in aromatic solvents. Insoluble in water, ethanol, etc.
Package and Storage	20kg net, PE drum. Stored in cool and draughty place.
Half life	The half-life temperatures are 37°C for 10 hours, 55°C for 1 hour and 112°C for 1 minute.