

DCBP-50 Product description:

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.

IUPAC Name of Peroxide	
Bis(2,4 - dichlorobenzoyl) peroxide, 50 %	
Properties	
State	Solid
Density (d ²⁰ ₄)	-
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.

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.