

## TECHNICAL DATA SHEET

## AROX BP-50CH

### Description

Chemical Name	Dibenzoyl peroxide, %50 with dicyclohexyl phthalate
Formula	$(C_6H_5CO)_2O_2$
EINECS No.	202-327-6
Product Number	0350050
CAS Number	94-36-0

### Application

Initiator for polyester and (meth) acrylic resins.

Specifications	Unit	Value
Appearance		White powder
Peroxide	49.0-51.0	wt.%
Active oxygen	3,3	wt.%
Bulk Density (20°C)	0,64	gr/cm <sup>3</sup>

### Half Life Data

The reactivity of an organic peroxide is usually given by its half life ( $t_{1/2}$ ) at various temperatures. For Arox BP-50CH in chlorobenzene:

0.1hr	at 113 °C
1 hr	at 91 °C
10 hr	at 71 °C

### Packaging

The standart packaging is net 25 Kg in cardboard box. Please refer to the Material Safety Data Sheet for detailed information on handling and disposal.

### Storage & Handling

Keep containers tightly closed. Store and handle Arox BP-50CH below 25°C and in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Arox BP-50CH has shelf life of 1 year in sealed box. Please refer to the Material Safety Data Sheet for detailed information on handling and disposal.

### Safety

Arox BP-50CH is irritating to skin. Avoid contact with reducing agents, acids alkalis and heavy metal compounds. Please refer to the Material Safety Data Sheet for detailed information on handling and disposal.



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