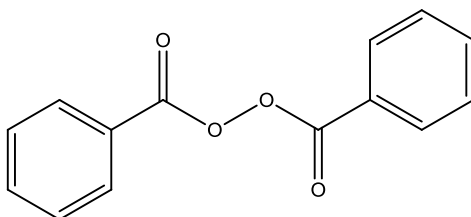


# Technical Data Sheet

## SUNCURE BPO

Dibenzoyl Peroxide

CAS No. 94-36-0



Mol. wt. 242.26

Formula C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>

### Description

SUNCURE BPO is a free flowing, water-wet granular forms of dibenzoyl peroxide. In this form, this product are less flammable and shock sensitive than dried form. It can be used as polymerization initiators for vinyl monomers and unsaturated polyester resins.

### Specifications

Item	Specification
Appearance	White powder
Dibenzoyl peroxide content (%)	67.0 ~ 70.0
Water Content (%)	30.0 ~ 33.0
Assay (%)	≥ 99.0
Active Oxygen (%)	4.4 ~ 4.6
Iron, dry basis (ppm)	≤ 10
Total chlorides, dry basis (as NaCl, ppm)	≤ 1500
Organic chlorides, dry basis (as BzCl, ppm)	≤ 1100
HCl, dry basis (%)	≤ 0.04
Benzoic acid, dry basis (%)	≤ 0.30

### Applications

SUNCURE BPO can be used as free radical polymerization initiators and cross-linking agents in a wide variety of applications. Also, SUNCURE BPO is an effective initiator in the polymerization and co-polymerization of numerous vinyl monomers. Other uses include drying agents for printing inks, bleaching agents, pharmaceutical preparations, organic chemical synthesis, and vulcanization of natural and synthetic rubbers.

## Storage

SUNCURE BPO should be sealed and stored in a closed, dark and dry place. It should be away from sunlight. Storage temperature should not exceed 27°C.

**Shelf Life**    2 years