

SALES SPECIFICATION

Dibenzoyl Peroxide in Dicyclohexyl Phthalate

Product Information

Chemical name: Dibenzoyl Peroxide in Dicyclohexyl Phthalate CAS N°:
Click or tap here to enter text.

Product name: Dibenzoyl Peroxide, Powder with Dicyclohexyl Phthalate (50%) HS code:
Click or tap here to enter text.

General description

A granular, free-flowing white powder composed of 50% Dibenzoyl Peroxide (BPO) blended with Dicyclohexyl Phthalate as a plasticizer. This formulation is designed to improve handling safety and dispersion in various polymer processing and crosslinking applications. Commonly used as a curing agent, initiator, or hardener in unsaturated polyester resins, rubber compounds, and thermosets.

Properties

Property	Value
Name	Dibenzoyl Peroxide, Powder with Dicyclohexyl Phthalate (50%)
Appearance (10–20°C)	White, Free-Flowing Granular Powder
Assay (BPO content)	50.0% ± 5.0%
Water Content	≤ 33.0%
Bulk Density	~0.640 g/cm ³ (approx. 40 lb/ft ³)

Storage and handling:

- Store in a cool, dry, and well-ventilated area at 10–25°C
- Avoid exposure to heat, sunlight, friction, and contaminants
- Use non-sparking tools and appropriate PPE
- Keep away from strong acids, alkalis, and reducing agents
- Shelf life: Up to 6–12 months under recommended conditions