Dibenzoyl Peroxide 50% Paste

CAS Number: 94-36-0
Chemical Formula: $C_{14}H_{10}O_4$

DESCRIPTION

Dibenzoyl Peroxide, 50% Paste is an organic peroxide supplied as a white paste containing 50% active dibenzoyl peroxide. It is designed for the curing of unsaturated polyester resins at ambient and elevated temperatures. The product offers excellent chemical and physical stability, making it suitable for controlled curing applications requiring consistent performance and good handling characteristics.

KEY FEATURES

- 50% active dibenzoyl peroxide paste
- Excellent chemical and physical stability
- Suitable for ambient and elevated temperature curing
- Consistent curing performance in polyester resin systems
- Good handling characteristics
- Suitable for tube filling and controlled processing applications

APPLICATIONS

- Curing agent for unsaturated polyester resins
- Ambient temperature curing with accelerator systems
- Elevated temperature curing without accelerator
- Composite, resin, and polymer processing applications

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	White paste
Assay (%)	76 – 84
Active Oxygen (%)	≥ 97.5
Self-Accelerating Decomposition Temperature	≤ 0.1
Maximum Storage Temperature	≤ 20
Solubility	≤ 50

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Standard packaging: 20 kg net weight PE drums.

STORAGE & HANDLING

Store below 30 °C in a shaded, well-ventilated area. Keep containers tightly closed when not in use. Avoid heat sources, contamination, shock, and friction. Handle using standard chemical handling practices.

SAFETY

Organic peroxides are reactive materials. Avoid overheating, contamination, shock, and friction. Use appropriate personal protective equipment. Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.