BAPO Photoinitiator (Phenylbis(2,4,6-trimethylbenzoyl)phosphine Oxide)

BAPO Photoinitiator (Phenylbis(2,4,6-trimethylbenzoyl)phosphine Oxide) · RS-BAPO · CAS 162881-26-7 · Technical Data Sheet · RawSource · rawsource.com/product/bapo-photoinitiator/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
162881-26-7	RS-BAPO	Photoinitiator (Type I)

Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide (BAPO) is a Type I photoinitiator supplied as a white to yellowish powder. It is used for deeper curing of thick layers and in both white and dark-colored systems.

DISTRIBUTED BY
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Product page: rawsource.com/product/bapo-photoinitiator/
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GENERAL INFORMATION

Chemical name	Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide
Molecular weight	418.46
Molecular formula	$C_{26}H_{27}O_3P$

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	White to yellowish powder	Light yellow powder
Assay	98 % min	99.29 %
Melting point	127 – 134 °C	130.2 – 132.3 °C
Volatiles	0.3 % max	0.20 %

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Low volatility
- Mild smell
- Good solubility
- Photobleaching
- Anti-yellowing

APPLICATIONS

- Deeper curing for thick layers
- White and dark-colored systems

Applications are those stated for the product. Confirm suitability for each formulation by trials.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.