

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

TECHNICAL DATA SHEETS

1. Product name:

UV Photoinitiator TPO-L

2. Chemical Name:

YF-PI TPO-L;

IHT-PI TPO-L;

Lucirin TPO-L;

HRcure TPO-L;

Darocur TPO-L;

Irgacure TPO-L;

Omnirad TPO-L;

Speedcure TPO-L;

Ethyl (2,4,6-trimethylbenzoyl) phenylphosphinate;

2,4,6-Trimethylbenzoyl ethoxyphenylphosphine oxide;

Phenyl(2,4,6-trimethylbenzoyl)phosphinic acid ethyl ester

3. CAS No.:84434-11-7

4. MF:C₁₈H₂₁O₃P

5. MW:316.33

6. Technical specifications

| Item | Specifications | Results |
|------------|--|----------|
| Appearance | Light yellow liquid | Conforms |
| Assay | ≥95.00% | 96.2% |
| Clarity | Clear | Conforms |
| Conclusion | The results conforms with enterprise standards | |

7. Usage

UV Photoinitiator TPO-L, also known as irgacure TPO-L, is an efficient free radical (I) - based liquid photo initiator, suitable for low yellowing, low odor formula system. It is mainly used for the UV curing of the corresponding resins, such as unsaturated acrylate. In particular, the white system and the film thickness of the UV curing; curing speed is very fast light initiator. Because UV Photoinitiator TPO-L has a wide

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range of absorption can also be used for curing white paint. In order to improve the curing effect of surface, often triggered by the use of UV Photoinitiator TPO-L, together with other agents such as: Irgacure 184, Irgacure 1173 and two benzophenone etc.

8. Package

20kg/drum