TDS

深圳市优阳科技有限公司

Technical Data Sheet

# Uyracure-506

齐聚物 · 单体 · 光引发剂 · 助剂

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## Uyracure-506 肟酯类光引发剂 PDO

1-苯基-1,2-丙二酮-2-(O-乙氧基羰基肟)

1-Phenyl-1,2-propanedione-2-(O-ethoxycarboxy)oxime

| | |
|---|---|
| Apparent 外观 | 白色至淡黄色粉末 |
| Compaction density 密度 | 1.13 |
| 分子量 | 235 |
| 沸点 | 325 |
| Absorption wavelength 波长 | 300-420nm |

Uyracure-506 是一种高性能肟酯类光引发剂，属于新型自由基光引发剂。其核心优势在于深层固化能力、低气味、低迁移性，尤其适用于厚涂层、高填料含量、有色体系。在 365-405nm 光源条件下能够快速反应。光灵敏度高穿透力强，有一定的抗氧阻聚能力。与各类单体有良好的相溶性，轻微黄变，高热稳定性，可以搭配应用在白色配方以及高碳黑含量的黑色体系。

推荐应用于

电子光刻胶匹配 I 线（365 nm 光源），分辨率高

UV 喷墨，3D 打印（DLP/SLA）等低能量快速固化场景

UV 胶黏剂，高膜厚高填料配方应用，底层固化好保障附着能力

UV 油墨，高颜料含量适配，底层、表干同步固化。

推荐用量 3‰-3%