



上海宝润化工有限公司

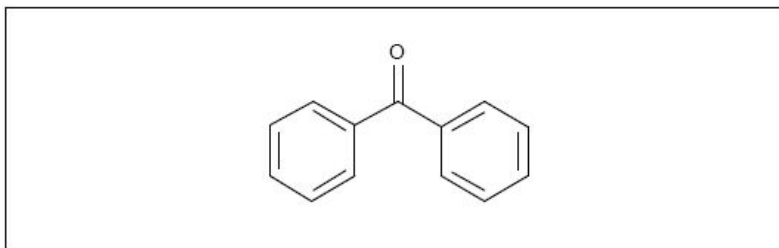
Polynaise Resources Chemicals Co., Ltd

GENCURE BP Photoinitiator

General

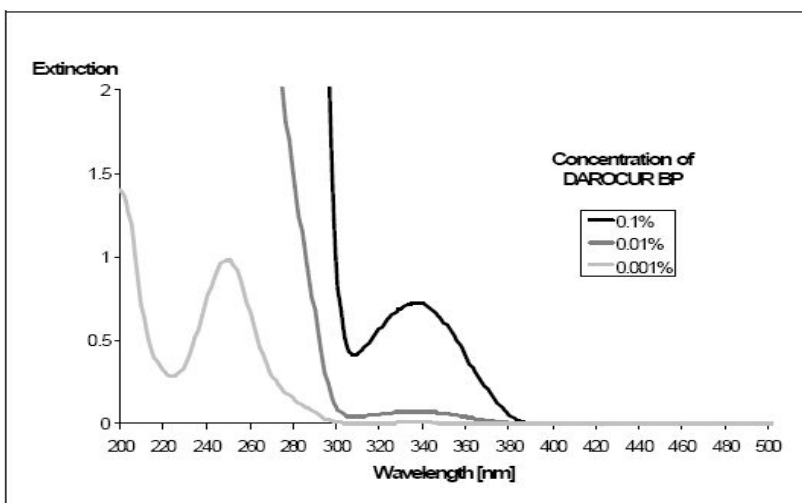
GENCURE BP is a photoinitiator which is used to initiate radical photopolymerisation of unsaturated resins such as those based on a prepolymer - e.g. acrylates - in combination with mono- or multifunctional monomers

Chemical Composition



Absorption Spectrum

(% in Acetonitrile)



Physical Properties

Appearance:	white flakes
Melting point :	approx. 47-49°
Solubility at 20°C (g/100 g solution):	
Acetone	> 50
butylacetate	> 50
methanol	30
toluene	> 50
hexanedioldiacrylate (HDDA)	40
trimethylolpropanetrisacrylate (TMPTA)	30
tripropylene glycoldiacrylate (TPGDA)	37

Applications

GENCURE BP is a photoinitiator for various applications using UVcuring technology, e.g. UV coatings and UV printing inks.

The performance of GENCURE BP photoinitiator can significantly be improved when used in combination with amine-synergists (tertiary amine compounds and amine acrylates). Use of GENCURE BP photoinitiator should be reserved for applications where expectations are moderate with regard to the final cured system's color and odor requirements.

Since the performance of a photoinitiator depends to a great extent on the specific formulation, the optimum price/performance level should be determined by experimental trials.

Recommended concentration:

2.0 - 8.0% GENCURE BP

Safety and Handling

GENCURE BP photoinitiator should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet

Important Notice

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