



Dalian Richfortune Chemicals Co., Ltd.

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Product Name: Photoinitiator 907

Chemical Name: 2-methyl-4'-(methylthio)-2-morpholino-propio-pheno

CAS No: 71868-10-5

Molecular formula: C₁₅H₂₁O₂NS

Molecular Weight: 279.4

Package: 25kg cardboard drum

Structural Formula:

Specification

Item	Index
Appearance	light yellow solid powder
Melting point ()	70-75
Gray scale %	0.1
Volatile matter %	0.25
Assay %	99
Light transmittance: 425 nm %	40
500 nm %	65

Properties: Light yellow solid powder. Soluble in organic solvent and monomers. Have strong ability of ultraviolet absorption.

Used: 907 is a kind of relatively new highly active light initiator, has the very high light initiator



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efficiency. Absorption wavelength of 330-385nm. Often used with sulfur impurity anthrone light initiator, enhanced absorption ability. Used to trigger acrylate and methyl methacrylate (mma) systems for fast curing.

Storage Notes: Sealed stored in cold, dry, good ventilated place, avoid direct sunlight.