

semaSORB[®] 20107

UV-Absorber

page1 of 2

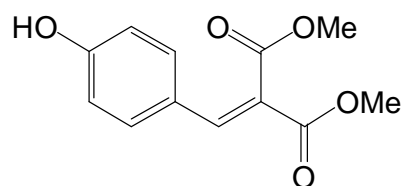
CAS: 51947-45-6

Code: 6778

Product description

A light - protective substance for technical application e.g. , acrylic- resin, acrylic-varnish, vinyl-varnish, water- varnish, adhesive, oil- paint, PUR-systems, polymer dispersions, fluorescent pigments, CTA, CDA, PC, PVC, PE, PMMA (required concentration 0,5 - 3,0 %)

Specification



Formula

C₁₂H₁₂O₅

Molecula-weight

236 g·mol⁻¹

Chem. name

Dimethyl 2-(4-hydroxybenzylidene)malonate

Appearance

white, crystalline

Density

0.91 g·cm³

Melting point

161-162°C

Identity

NMR/ ESI-MS

Appearance in solution (1 %, ethanol)

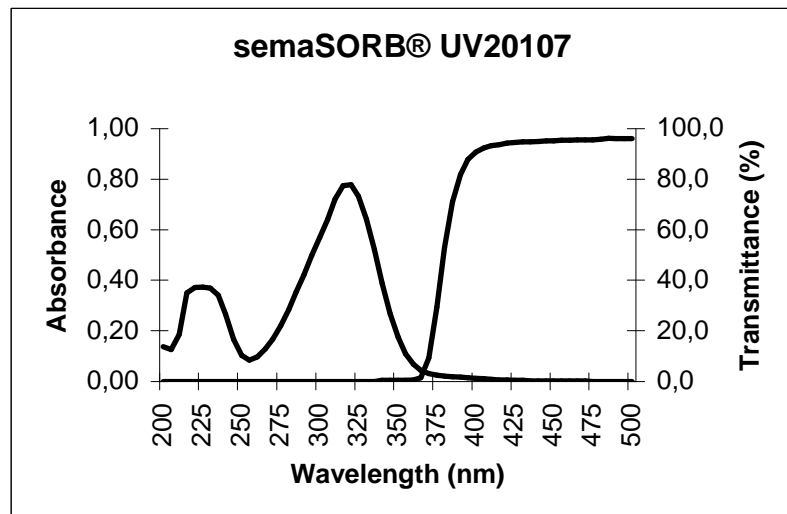
clear, colourless

Solubility at 20°C, wt%

Acetone	15.0
Ethanol	5.0
Methanol	5.5
Iso propanol	2.0
Ethyl acetate	5.0
n-Butyl acetate	3.5
Dowanol DPM	7.0
PEG 200	2.0
Triethylene glycol	2.0
Butyl glycol	6.0
Dichloromethane / Methanol (9:1, v/v)	8.0
MEK	5.5
Water	<0.01

UV-Spectrum

absorbance: 10mg/l ethanol
transmittance: 1g/l ethanol

**Storage**

Store at room temperature in closed original box.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

se ma Gesellschaft für Innovationen mbH

Industriestraße 12 · D-06869 Coswig · Germany

Phone: +49(0)34903-30464 · Fax: +49(0)34903-30465

info@sema-gmbh.com · www.sema-gmbh.com