

# semaSORB<sup>®</sup> UV20164

UV-Absorber

CAS: 72955-44-3

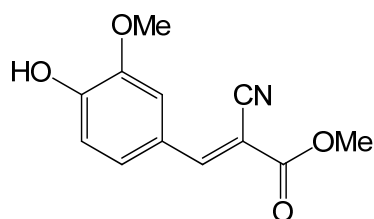
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## Product description

A light protective substance for technical application e.g., SiO<sub>x</sub>-systems, paints, varnishes, foil, required concentration 0.5 % - 1.0 %)

## Specification



Formula

C<sub>12</sub>H<sub>11</sub>NO<sub>4</sub>

Molecular weight

233,22 g·mol<sup>-1</sup>

Chem. name

(E)-Methyl 2-cyano-3-(4-hydroxy-3-methoxyphenyl)acrylate

Appearance

Yellow powder

Melting point

162 °C – 164 °C

Identity

NMR / ESI-MS

Appearance in solution (1 %, ethanol)

Clear, yellow

## Solubility at 20°C, wt%

Acetone

3.5

Ethanol

0.5

Methanol

&lt; 0.5

Iso propanol

&lt; 0.5

Ethyl acetate

1.5

Cyclohexane

&lt; 0.5

Cyclohexanol

&lt; 0.5

Dichloromethane / Methanol (9+1)

4.5

Tripropylene glycoldiacrylate

n.meas.

Methylethylketone (MEK)

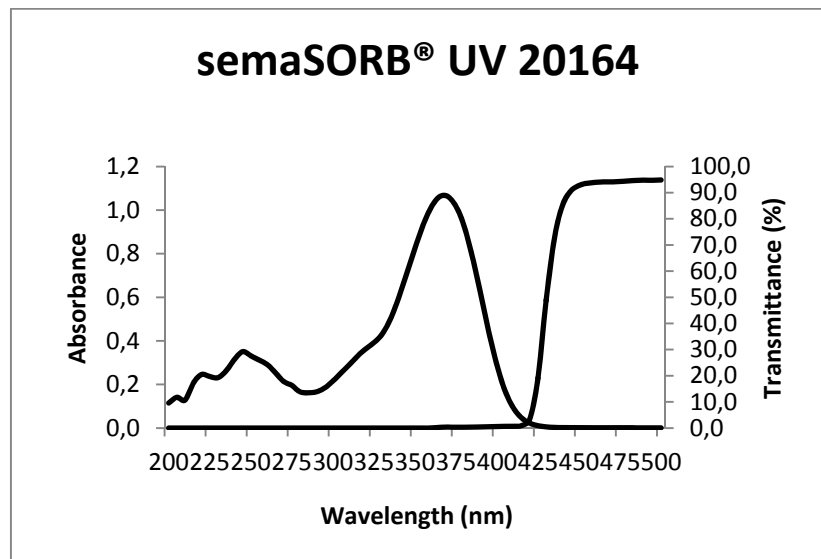
2.5

Water

&lt; 0.01

**UV-Spectrum**

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

**Storage**

Store at room temperature in closed original box.

**Note**

This 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, drawing, photographs, data, proportions, weights, etc. given herein may change without prior information and 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 an legislation are observed.

**se ma Gesellschaft für Innovationen mbH**

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