

semaSORB[®] UV2090

UV-Absorber

Code: 6802

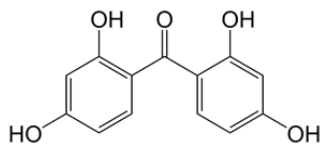
CAS: 131-55-5

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Produktbeschreibung

UV absorbers and light protection agents, very suitable for technical applications in polymer recipes, such as in plastics, resins, varnish, synthetic rubber, light-sensitive materials and cosmetic products. Recommended application concentration 0,5 – 1,0 wt%, compatible with HALS.

Specification



Formula

C₁₃H₁₀O₅

Molecular weight

246,22 g/mol

Chemical name

2,2',4,4'-Tetrahydroxybenzophenone

Appearance

Yellow powder

Density, 25°C

1,21 g/cm³

Melting point

196 - 202°C

Identity

Appearance in solution (1 %, ethanol)

Yellowish, clear

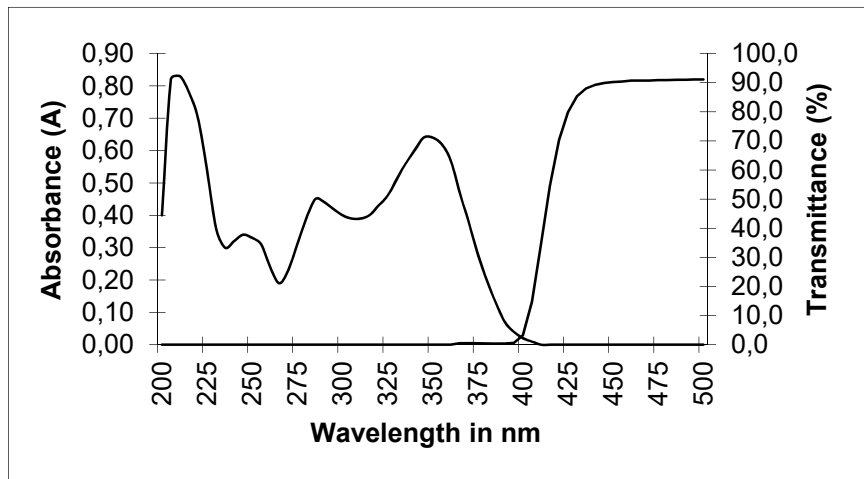
Solubility at 20°C, wt%

Dichlormethane / Methanol 9:1	6.0
Tetrahydrofurane	20.0
Methylethylketone	20.0
Methanol	50.0
Dimethylsulfoxid (DMSO)	8.0
Isopropanol	17,0
Acetone	35.0
Ethanol	25.0
Ethyl acetate	15.0
Water	< 1.0

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.

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