

Special Phosphors

Phosphor L 112

Code: 464 1123

International Name

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Chemical Composition

Strontiumtetraborate: Eu

Chemical Symbol

SrB₄O₇: Eu

Optical Properties

Emission Color*

UV-A

Wavelength at Peak

λ_{max} = 368 nm

CIE Color Coordinates*

x = -

y = -

Correlated Color Temperature*

-

(* Data based on Powder measurement; λ_{ex} = 254 nm)

Physical Properties

Density

ρ = 4,00 g/cm³

Body Color

White

Particle Size Distribution (CILAS 1064)

d_{50} = 7,0 - 11,0 μm

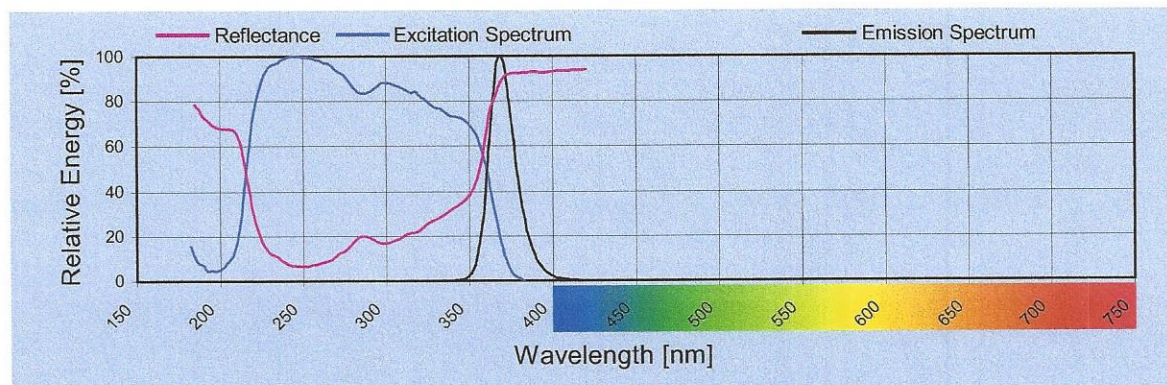
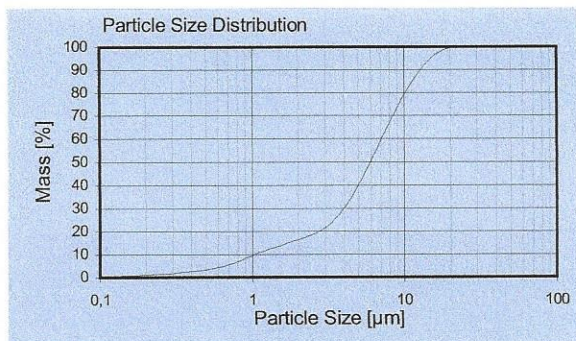
b_{80} = $(d_{90} - d_{10})/d_{50} < 3,0$

Excitation

UV-Radiation, X-Rays, Cathode Rays

Typical Application

High pressure mercury lamps; water and organic based suspension; electrostatical coating



Note: (1) This reference is for general product specification purposes only. It does not cover a liable determination of the given data.

We reserve the right to alter the data at any time. Therefore, before you process this product we recommend to contact us.

(2) We are not able to warrant that you will not infringe third party intellectual property rights in case you process this product or employ it in other products.

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