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www.honeywell.com/sm/lumilux/

Product Data Sheet 50113 Lumilux® green SN-F10

Main application Long glowing safety products according to national and international standards
Useable for Solvent-based paints, resins and inks, thermoplastics, thermosetting plastics

Typical chemical properties

Composition alkaline earth aluminate Insoluble in alkalies, organic solvents

Decomposition by water, acids

Typical physical properties

Appearance powder, off-white Specific gravity 9.4 - 3.6 g/cm³

Particle size distribution d₅₀ = max. 13 μm as determined by COULTER Lasersizer 230 Screen analysis max. 1 % oversized particles on a 80 μm testing screen

Typical luminescent properties

Excitation white light, day-light, UV-radiation

Color of fluorescence green

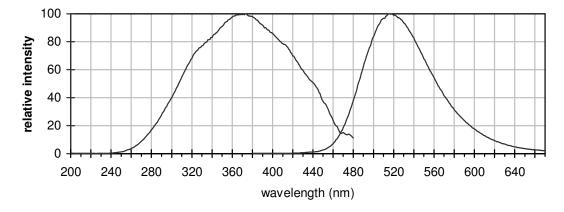
Color of phosphorescence green; emission peak close to 518nm

Typical glow performance 10mins: 275 mcd/m² 60mins: 31 mcd/m²

Excitation and readout pigment layer prepared as draw down that employs 200 g pigment/m²

acc. to DIN 67510-1

Typical excitation spectrum (left) and phosphorescence emission spectrum (right)



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