LUMILUX®

TECHNICAL DATA SHEET

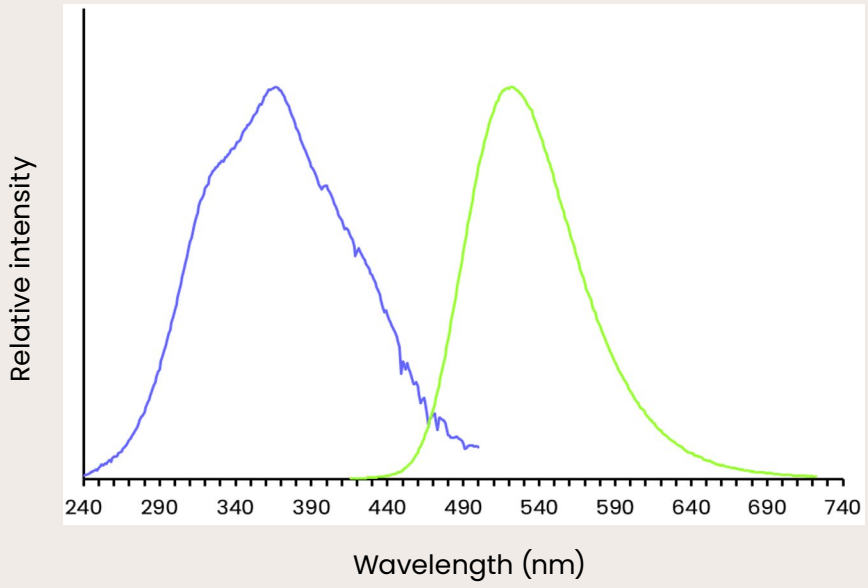
50115 EFFECT GREEN SN-F5 F

Product group: Long afterglow products according to DIN 67510 part 4

Primary use: Solvent-based paints and inks, thermoplastics, thermosetting plastics

TYPICAL LUMINESCENT PROPERTIES	
Excitation	White light and UV radiation
Colour of emission	Yellowish green (yG)

Typical excitation (left) and phosphorescence (right) spectra



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Typical intensity of afterglow according to the German standard DIN 67510-1[1]	after 5 minutes	180 mcd/m^2
	after 10 minutes	90 mcd/m^2
	after 60 minutes	12 mcd/m^2
	after 120 minutes	5 mcd/m^2

Typical decal curve

NO DATA AVAILABLE

Reference criterion to DIN 67510, part 1 — min. 90/12-1300-W-K

TYPICAL CHEMICAL PROPERTIES	
Insoluble in	Alkalis, organic solvents
Decomposition by means of	Water, acids

TYPICAL PHYSICAL PROPERTIES	
Appearance	Yellow-green powder
Specific gravity	3.4 g/cm^3
Particle size distribution (COULTER Lasersizer 230)	Max. 5 µm (D_{50}) Max. 10 µm (D_{95})

[1]Phosphorescent pigments and products. Measurement and marking at the producer

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