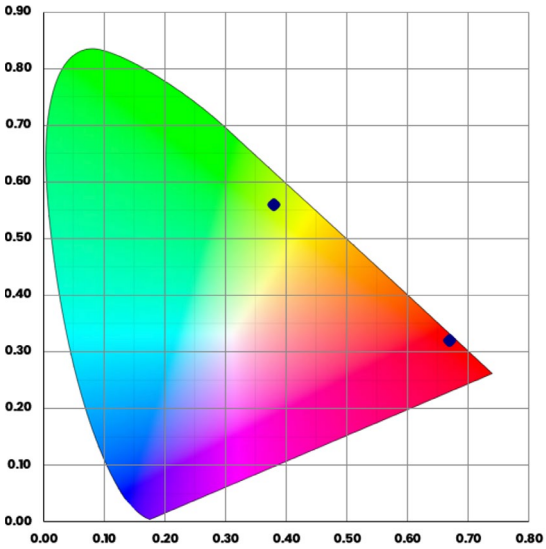
LUMILUX®



TECHNICAL DATA SHEET

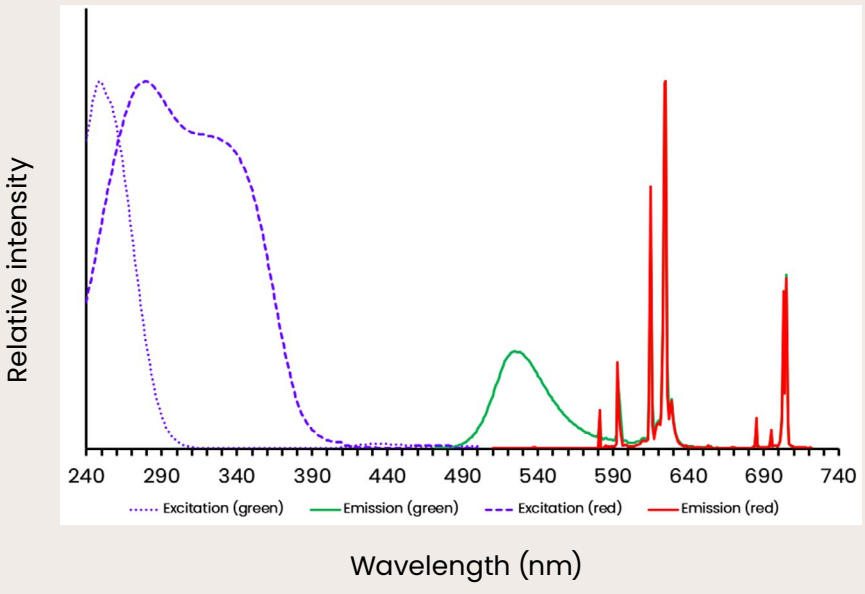
52193 CD R/G I MS

Product group: Inorganic luminescent pigments security coding

Primary use: Fluorescent screen printing inks

TYPICAL LUMINESCENT PROPERTIES	
Fluorescence colour[1]	Green (G) – 254nm Reddish orange (rO) – 365nm
CIE chromaticity coordinates	x = 0.38 ±0.02 y = 0.56 ±0.02 x = 0.67 ±0.02 y = 0.32 ±0.02

Typical excitation (left) and fluorescence (right) spectra



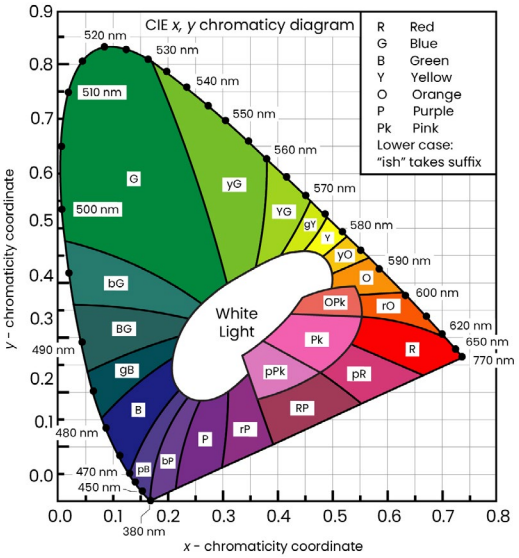
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TYPICAL CHEMICAL PROPERTIES	
Decomposition by	Acids
Insoluble in	Water, alkalis, organic solvents

TYPICAL PHYSICAL PROPERTIES	
Appearance	White powder
Specific gravity	4.5 g/cm^3
Resistance to discoloration	approx. 6 IBWS (depends on matrix)
Particle size distribution (COULTER Lasersizer 230)	Max. 5.0 µm (D_{50}) Max. 15.0 µm (D_{95})

We strongly advise NOT to grind product.

[1]Fluorescent colour is described using the 1931 chromaticity diagram



RESPONSIBLE CARE™
Driving Safety & Sustainability

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