

**General Properties**

Chemical Character	Perylene
Colour Index Part I	-
Colour Index Part II	-
Physical Form	Powder
Color Shade	Yellow

**Physical Properties**

Density	1.27	g/cm <sup>3</sup>
Absorption	476	nm
Emission	490	nm
Quantum yield	>85	
Please refer to Absorption/Emission Diagram for details		

**Solubility at 20°C**

Acetone	0.5	g/l
Ethanol 99.5%	<0.1	g/l
Isopropanol	<0.1	g/l
Solvenon PM	<0.5	g/l
Ethyl acetate	0.2	g/l
Butyl acetate	0.2	g/l
Dimethyl formamide	3	g/l
Methyl methacrylate	1	g/l
White spirit	<0.1	g/l
Xylene	0.5	g/l
Toluene	<1	g/l
Benzyl alcohol	1	g/l

**Heat stability in 1/3 SD with 2% TiO<sub>2</sub>:**

PS	-	°C
SAN	-	°C
PMMA	300	°C
PC	300	°C
ABS	-	°C
ASA	-	°C
SB	-	°C

1/3 SD=an opaque coloration in 1/3 standard depth of shade

**Light fastness in 1/3 SD:**

PS	-
SAN	-
PMMA	-
PC	-
ABS	-
ASA	-
SB	-
PVC-U	-

1=lowest light fastness, 8=highest

d=shade darkens on exposure

**Recommendations for applications**

PS	Suitable
PMMA	Suitable

All data is subject to the producer's disclaimer

PC  
PETP

Suitable  
Suitable

**Recommendations for food contact**

BfR  
FDA  
France

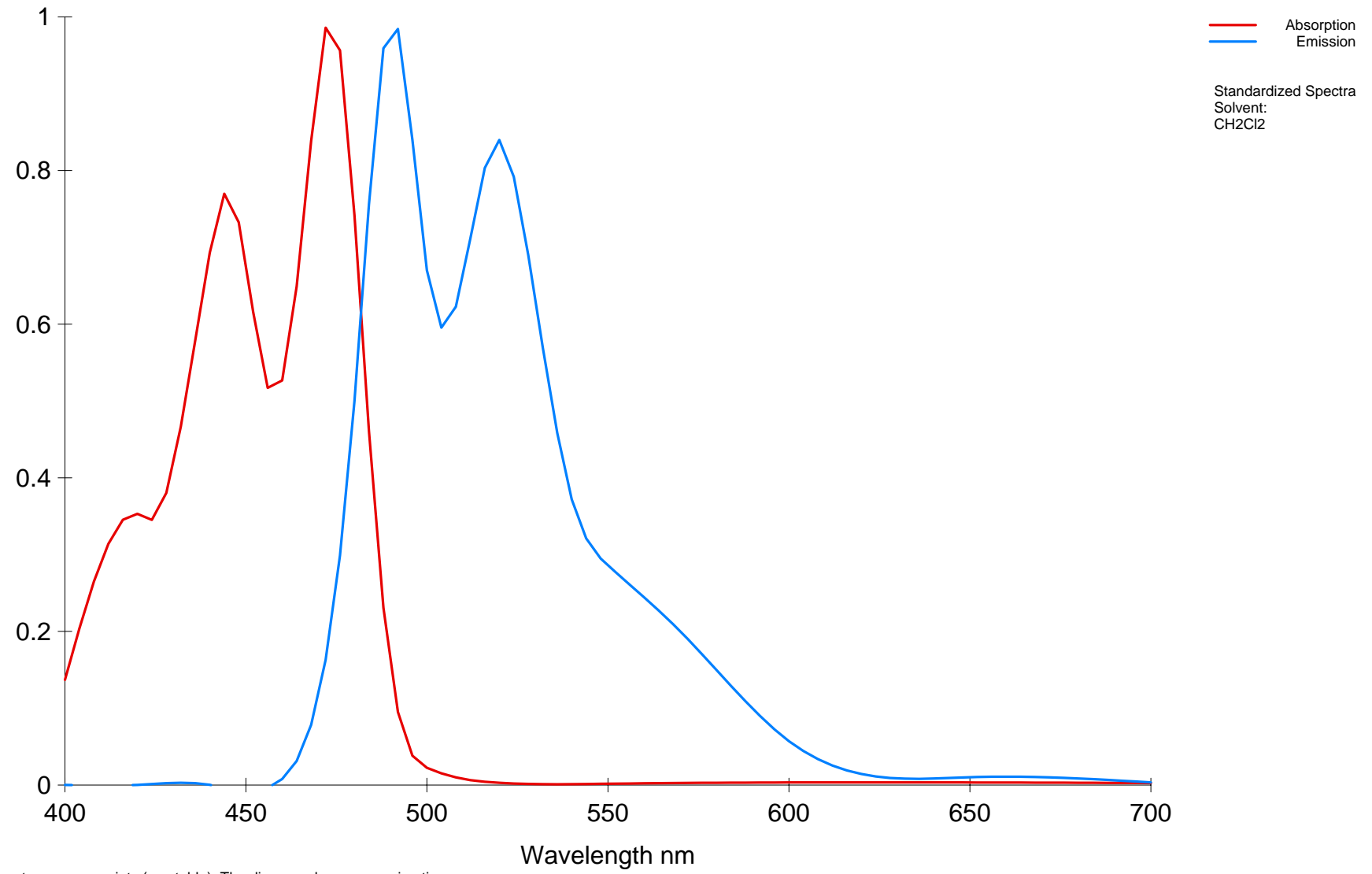
Suitable  
Not suitable  
Not suitable

UCC: Under certain conditions

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### Absorption/Emission Lumogen® F Yellow 083



Note: The program stores curve points (see table). The diagram shows approximations.

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## 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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