

RADGLO®

CFS-6-02 RED

01/01/2014

FLUORESCENT DYE

Characteristics

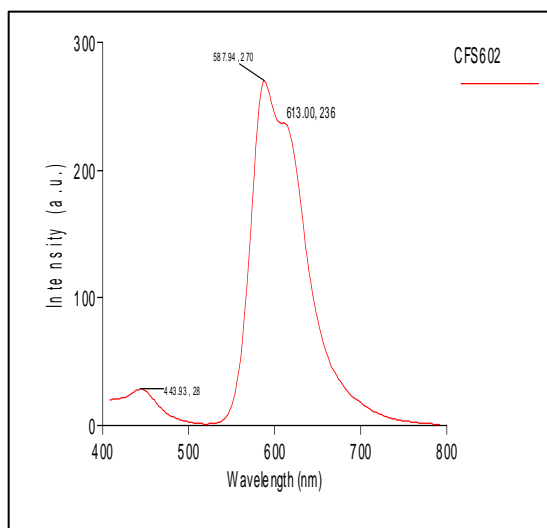
Productcode	CFS-6-02
Chemical Type	Benzopyran
Color Index N°	505700
Color Index name	Solvent Red 196
Hue	Bright bluish red
Appearance	Dark magenta powder

Registrations

CAS:	52372-36-8
TSCA listing	Yes
EINECS listing:	257-884-8
FDA approved:	No
Further listing in	Australia, Canada, China, Korea and Philippines.

Fluorescence

λ -max (0.05 % in polystyrene) = 588 nm.(excitation at 350 nm)



Technical information

Melting point:	298 - 300 °C
Mol. formula:	C ₂₃ H ₁₈ N ₄ O ₂
Mol. weight:	382,1
Hiding power:	Transparent

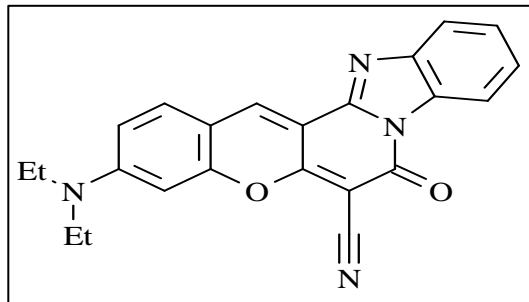
Recommended applications

		Light	Heat (5')
Polyethylene	NR	-	-
Polypropylene	NR	-	-
Polystyrene	R	8	
PS-Opaque	R	7-8	300°C
ABS	R		
Polycarbonate	R		320°C
Polyamide	T		
PMMA (Acrylic)	R		
Polyester	R		
Polyurethane	NR	-	-
Rigid PVC	R		

(*) PS-Opaque = PS + 0,15% dye + 0,2% TiO₂

R= Recommended,
NR= Not recommended,
T= To be tested first.

Chemical structure



Solubility (g/100 ml)

	T°	g/100 ml
Acetone	(20°C)	0,02
Acetone	(50°C)	0,06
Ethylacetate	(20°C)	0,005
Ethylacetate	(50°C)	0,03
MMA	(20°C)	0,02
MMA	(50°C)	0,05
DIDP	(20°C)	<0,01
DIDP	(100°C)	0,10
DMF	(20°C)	0,14
DMF	(100°C)	0,40
White Spirit	(0°C)	
White Spirit	(20°C)	
White Spirit	(50°C)	

Package of CFS-6-02

Package:	Bags containing:	
1 box	1 kg	= Minimal order
1 box	5 kg	
1 box	10 kg	
1 box	20 kg	

® = registered trademark

Disclaimer: This technical information is just an advice. No warranty of fitness for a particular purpose is made.