

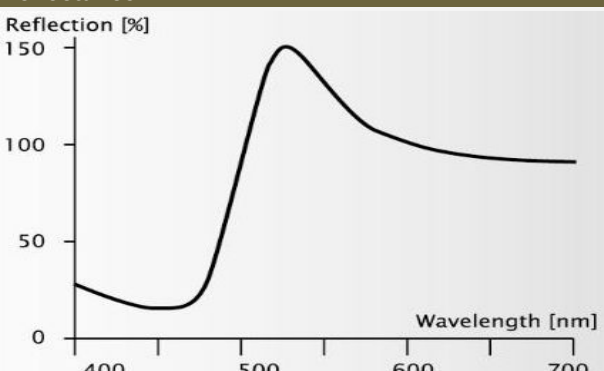
Technical Data Sheet

HIFISOL Green 5

HIFISOL Green 5 is a greenish yellow solvent dye with fluorescent effect, high colour strength, very good lightfastness and excellent heat resistance. Suitable for the colouration of PS, PC, PETP, PBTP, PMMA and PVC-R. Also recommended in opaque applications to achieve more brilliant shades.

HIFISOL Green 5	
C.I. Name	Solvent Green 5
C.I. No.	59075
CAS No.	2744-50-5
Chemical Class	Perylene

Physical Data		Chemical Resistance	
Density (g/cm ³)	1.3	Hydrochloric acid resistance	5
Melting point (°C)		Sodium hydroxide resistance	5

Applications		Reflectance
PVC-R	●	
LDPE	—	
HDPE	—	
PP	—	
PS	●	
ABS	●	
PA-6	—	
PC	●	
PMMA	●	
PET/PBT	●	
Rubber	—	
POM	—	

● Recommended ○ Limited suitability — Not recommended

Colouristic and technical application data						
		PS	ABS	PC	PET	PVC-R
Lightfastness	Transparent (0.05%)	7	7	7	7	7
	Reduction (0.2%+1.0%TiO ₂)	4	4	4	4	4
Heat Resistance	Transparent (0.05%)	300	300	300	300	-
	Reduction (0.2%+1.0%TiO ₂)	300	300	300	300	-