

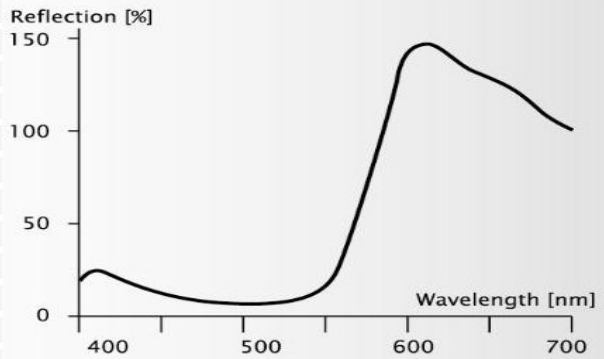
Technical Data Sheet

HIFISOL Orange 63

HIFISOL Orange 63 is an orange 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, PA-6, styrene co-polymers and PVC-R. Also recommended in opaque applications to achieve more brilliant shades.

HIFISOL Orange 63	
C.I. Name	Solvent Orange 63
C.I. No.	68550
CAS No.	16294-75-0
Chemical Class	Monoazo

Physical Data		Chemical Resistance	
Density (g/cm ³)	1.51	Hydrochloric acid resistance	5
Melting point (°C)	320	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	6-7	7	7	6-7
	Reduction (0.2%+1.0%TiO ₂)	4	4	6	7	5
Heat Resistance	Transparent (0.05%)	300	300	340	300	-
	Reduction (0.2%+1.0%TiO ₂)	300	300	320	300	-