

Technical Data Sheet

HIFIFAST Orange HF6Y

HIFIFAST Orange HF6Y is a yellowish orange pigment with very good fastness to light and weathering in deep shades along with very good opacity. it can be used at fairly high pigment concentrations based on its very good flow properties. Hififast Orange HF6Y is applicable for lead-free pigmentations of commercial vehicle paints and refinish systems. Overspray fastness is limited at stoving temperatures $>150^{\circ}\text{C}$ or when binder systems with aggressive solvents are used.

HIFIFAST Orange HF6Y

C.I. Name	Pigment Orange 62
C.I. No.	11775
CAS No.	52846-56-7
Chemical Class	Monoazo/Benzimidazolone

Physical Data		Chemical Resistance	
Density (g/cm ³)	1.52	Fastness to acids	5
Specific surface (m ² /g)	10	Fastness to alkalis	5
Oil absorption(ml/100g)	72		
Color strength (SD1/3)	1.5		

Applications

Automotive paints	OEM paints	○
	Refinish paints	●
	Water-based	○
Industrial paints	Solvent-based	●
	Water-based	○
	Amine-curing epoxy	—
	Coil coatings	—
Decorative paints	Powder coatings	●
	Solvent-based	●
	Water-based	○

● Recommended ○ Limited suitability — Not recommended

Fastness to Solvents

Water	Butanol	Xylene	Butyl glyco	White spirit	Butyl acetate	Methylethyl ketone	Dibutylphthalate
5	4-5	5	4	5	4-5	4	-

Fastness Properties

		Heat resistance	Lightfastness	Weathering	Fastness to overpainting
Alkyd-melamine	Full Shade	180 $^{\circ}\text{C}$	8	5	4
	1:10 TiO ₂	180 $^{\circ}\text{C}$	7-8	4	3