

## Technical Data Sheet

### HIFIFAST YELLOW HF4R-C

**HIFIFAST YELLOW HF4R-C** is a reddish yellow pigment with excellent fastness to light and weathering, especially in deep shades. Very good opacity for an organic pigment. Eminently suitable for the production of intense opaque yellow shades for lead-free or low-lead paints. It should be borne in mind that the resistance to very strong alkalis in some binder systems is unsatisfactory.

#### HIFIFAST YELLOW HF4R-C

C.I. Name	Pigment Yellow 139
C.I. No.	56298
CAS No.	36888-99-0
Chemical Class	Isoindoline

Physical Data		Chemical Resistance	
Density (g/cm <sup>3</sup> )	1.7	Fastness to acids	5
Specific surface (m <sup>2</sup> /g)	25	Fastness to alkalis	5
Oil absorption (ml/100g)	50		
Color strength (SD1/3)	3.6		

#### 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	5	5	5	5	5	5	5

#### Fastness Properties

		Heat resistance	Lightfastness	Weathering	Fastness to overpainting
Alkyd-melamine	Full Shade	200℃	8	5	5
	1:10 TiO <sub>2</sub>	200℃	8	4-5	5