

# Technical Data Sheet

## HIFIFAST Yellow HF3M

**HIFIFAST Yellow HF3M** is a greenish high-strength yellow pigment with good rheological properties. Especially suited economical shade matchings in the yellow, orange and green ranges in the industrial paints sector.

### HIFIFAST Yellow HF3M

|                |                    |
|----------------|--------------------|
| C.I. Name      | Pigment Yellow 194 |
| C.I. No.       | 11785              |
| CAS No.        | 68134-22-5         |
| Chemical Class | Benzimidazolone    |

| Physical Data                        |      | Chemical Resistance |   |
|--------------------------------------|------|---------------------|---|
| Density (g/cm <sup>3</sup> )         | 1.55 | Fastness to acids   | 5 |
| Specific surface (m <sup>2</sup> /g) | 20   | Fastness to alkalis | 5 |
| Oil absorption(ml/100g)              | 98   |                     |   |
| Color strength (SD1/3 )              | 4.7  |                     |   |

### 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       | 3      | 4           | 4-5          | 3-4           | 3                  | 4                |

### Fastness Properties

|                |                       | Heat resistance | Lightfastness | Weathering | Fastness to overpainting |
|----------------|-----------------------|-----------------|---------------|------------|--------------------------|
| Alkyd-melamine | Full Shade            | 200℃            | 7-8           | 4-5        | 5                        |
|                | 1:10 TiO <sub>2</sub> | 200℃            | 7             | 3-4        | 5                        |