



### Product Description

|                           |                                 |
|---------------------------|---------------------------------|
| Chemical characterization | Antimony nickel titanium rutile |
| Color Index               | Pigment Yellow 53               |
| Appearance                | Yellow powder                   |
| C.I. No.                  | 77788                           |
| CAS No.                   | 8007-18-9                       |

### Technical Data

|                          | Unit                 | Value     | Test Method        |
|--------------------------|----------------------|-----------|--------------------|
| Water-soluble salts      | [% ]                 | <0.1      | acc. to ISO 787-3  |
| Volatile matter (105 °C) | [% ]                 | <0.1      |                    |
| pH value                 |                      | 7.0 - 9.0 | acc. to ISO 787-9  |
| Density                  | [g/cm <sup>3</sup> ] | typ. 4.5  | acc. to ISO 787-10 |
| Bulk density             | [g/cm <sup>3</sup> ] | typ. 0.8  |                    |
| Tamped density           | [g/cm <sup>3</sup> ] | typ. 1.4  | acc. to ISO 787-11 |
| Oil absorption           | [g/100g]             | typ. 14   | acc. to ISO 787-5  |
| Sieve residue 45 µm      | [% ]                 | <0.1      | acc. to ISO 787-7  |
| Median D50               | [µm]                 | typ. 1.3  | acc. to ISO 13320  |

### Fastness Properties

| Resistance to Chemicals |       |                                   |
|-------------------------|-------|-----------------------------------|
|                         | Value | Test Method                       |
| Acid                    | 5     | rating acc. to DIN EN ISO 105-A03 |
| Alkali                  | 5     | rating acc. to DIN EN ISO 105-A03 |
| Water                   | 5     | rating acc. to DIN EN ISO 105-A03 |
| Butanol                 | 5     | rating acc. to DIN EN ISO 105-A03 |
| Butylacetate            | 5     | rating acc. to DIN EN ISO 105-A03 |
| Xylene                  | 5     | rating acc. to DIN EN ISO 105-A03 |
| MEK                     | 5     | rating acc. to DIN EN ISO 105-A03 |
| White spirits           | 5     | rating acc. to DIN EN ISO 105-A03 |

Acid/alkali resistance: Pigment was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

Solvent resistance: Pigment was dipped into solvent. Rating with gray scale: 1=poor, 5=excellent.

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|                                  | Value | Test Method                                     |
|----------------------------------|-------|---|
| Heat resistance [full shade][°C] | >320  | acc. to DIN EN 12877-2                          |
| Heat resistance [1:3][°C]        | >320  | acc. to DIN EN 12877-2                          |
| Light fastness [full shade]      | 8     | acc. to DIN EN ISO 4892-2/DIN EN ISO 105-B02    |
| Light fastness [1:3]             | 8     | acc. to DIN EN ISO 4892-2/DIN EN ISO 105-B02    |
| Weather fastness [full shade]    | 5     | acc. to DIN EN ISO 16474-2/DIN EN ISO 20105-A02 |
| Weather fastness [1/9 SD]        | 5     | acc. to DIN EN ISO 16474-2/DIN EN ISO 20105-A02 |

Heat resistance: Tested in HDPE system up to 320 °C.

Light fastness: Tested in LDPE system. Rating with 8-step wool scale: 1=poor, 8=excellent.

Weather fastness: Tested in water based automotive system. Rating with gray scale after 2000 h accelerated weathering: 1=poor, 5=excellent.

### Packaging and Handling

|           |   |
|-----------|---|
| Packaging | 25 kg paper bags                                      |
| Packaging | Different types of packaging are available on request |

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