

## Product Information

### Bayferrox® 6570

#### Description

|                       |                                    |                      |  |
|-----------------------|------------------------------------|----------------------|--|
| <b>Type</b>           | Brown pigment                      | <b>Delivery Form</b> | Powder   |
| <b>Chemical Class</b> | Inorganic Metal Oxide (Mixture)    | <b>Color Index</b>   | Pigment Red 101 (77491) / Pigment Yellow 119 (77496) / |
| <b>Standard</b>       | 1998                               | <b>Manufacturer</b>  | LANXESS Corporation                                    |
| <b>CAS-No.</b>        | 1309-37-1 / 68187-51-9 / 1317-61-9 |                      |  |

Specified values are determined to LANXESS internal quality control procedures. Color readings are reported in CIELab\* units.

#### Specifications

|  |              | <u>Minimum</u> | <u>Maximum</u> | <u>Test Method</u>  |
|--|--------------|----------------|----------------|---|
| <b>1. Color</b> (TiO <sub>2</sub> reduction, 1:5)*                       | $\Delta L^*$ | -0.8           | 0.8            | Plastisol Tinting Strength and Color Evaluation <sup>41</sup> |
|  | $\Delta a^*$ | -0.8           | 0.8            |   |
|  | $\Delta b^*$ | -0.8           | 0.8            |   |
|  | $\Delta E^*$ |                | 1.5            |   |
| <b>2. Relative Tinting Strength</b><br>(TiO <sub>2</sub> reduction, 1:5) |              | 95             | 105            | Plastisol Tinting Strength and Color Evaluation <sup>41</sup> |

\*Binder test paste is based on Plastisol resin

**Bayferrox® 6672 Informative Technical Data\***

|  |          | Test Method   |
|--|----------|---|
| Zinc Ferrite Content (%) <sup>53</sup>   | > 90     | Information about the determination of iron oxide <sup>41</sup> |
| Loss on ignition at 1000°C, ½ hr. (%)  | < 1      | DIN 55 913 page 2 (1972)  |
| Moisture content – after production (%)  | < 1      | DIN EN ISO 787 Part 2 (1995)                                    |
| Particle Shape   | Variable | Electron Microscope   |
| Predominant Particle size (Microns)  | Variable | Electron Microscope   |
| Oil Absorption (g/100g)  | ~ 20     | DIN EN ISO 787 Part 5 (1995)                                    |
| Tap Density (g/ml)   | ~ 1.3    | DIN EN ISO 787 Part 11 (1995)                                   |
| Density (g/ml)   | ~ 5.0    | DIN EN ISO 787 Part 10 (1995)                                   |
| <sup>41</sup> Obtainable from LANXESS Corporation, Business Unit Inorganic Pigments<br><sup>53</sup> Minor elements may arise from the raw materials used. However, these are firmly bound to the crystal lattice as ions. |          |   |

\*These items are provided as general information only. They are approximate values and are not considered part of the product specification.

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www.Bayferrox.com      www.US.LANXESS.com**

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Note: The information contained in this publication is current as of March 2015. Please contact LANXESS to determine if this publication has been revised