

Product Name: Bayferrox 6940
Standard: 2002
Chemical Class: Synthetic Iron Oxide
Color Index: Pigment Red 101 (77491) **Type:** Brown Pigment
Pigment Yellow 42 (77492)
Manufacturer: LANXESS Corporation **CAS-No.:** 1309-37-1
20344-49-4

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

Tint Color White Cement		<u>Minimum</u>	<u>Maximum</u>
1. Color	Delta L*	-0.8	0.8
	Delta a*	-0.8	0.8
	Delta b*	-0.8	0.8
	Delta E*		1.5
2. Relative Tinting Strength		95%	105%

Bayferrox 6940 - Informative Technical Data (Typical Values)*

	Approximate	Test Method
Content Fe ₂ O ₃ (%)	86-95	DIN 55 913 Sheet 2 (1972)
Content SiO ₂ + Al ₂ O ₃ (max %)	1-4	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (max %)	0.7-14	DIN 55 913 Sheet 2 (1972)
Moisture content - after production (%)	0.3-4	DIN EN ISO 787 Part 2 (1995)
Particle Shape - Variable	-----	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	21-60	DIN EN ISO 787 Part 5 (1995)
Tamped Density (max g/ml)	0.4-1.2	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	4.1-5.0	DIN EN ISO 787 Part 10 (1995)

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

Bayferrox® is a registered trademark of Bayer AG, Germany.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.