

## Technical Data Sheet

### Ferrit<sup>®</sup> Y26M

### Description

<b>Type</b>	Yellow pigment
<b>Delivery form</b>	Powder
<b>Chemical class</b>	Iron hydroxide - FeOOH
<b>Color Index</b>	Pigment yellow 42 (77492)
<b>CAS-Nr.</b>	20344-49-4

### Colorimetric Data

<b>Color values and tinting strength</b>			
Reference	Ferrit Y26M		4508926
Binder	Test paste based on a non drying alkyd resin		Test Method based on DIN 55 983 (1983)
	<b>min.</b>	<b>max.</b>	<b>Test method</b>
<b>Full Shade</b>			Based on DIN 6174
Delta-L*	-1,0	1,0	
Delta-E <sub>ab</sub> *		1,7	
<b>Reduction with titanium dioxide (1 : 5)</b>			Based on DIN6174 & 55986
Color values after matching of the tinting strength parameter: Y, d. h.			
Delta-a*	-1,0	1,0	
Delta-b*	-1,0	1,0	
Delta-E <sub>ab</sub> *		1,7	
<b>Relative tinting strength [%]</b>	95	105	Based on DIN 55 913

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### Specification

Technical Data	min.	max.	Test method
Sieve residue 325 Mesh [%]		0,008	Based on ASTM D-185
pH value	4,0	8,0	Based on ASTM D-1208

### Informative technical data

	min.	max.	Test method
Fe <sub>2</sub> O <sub>3</sub> Content [%]	85	89	Baseado na norma ASTM D-50
Soluble Salts [%]		0,5	Baseado na norma ASTM D-1208
Oil absorption [g/100g]	22	28	Baseado na norma ASTM D-281
Particle shape		Acicular	
Tamped density [g/cm <sup>3</sup> ]	0,6	0,9	Baseado na norma ASTM D-787-11
Density [g/cm <sup>3</sup> ]	3,8	4,2	Baseado na norma ASTM D-153-75
Moisture content after production [%]		0,5	Baseado na norma ASTM D-280
Hegman	6,5		Baseado na norma ASTM D-153

### Packaging

20 kg – paper bag

### Transport and Storage

Protect against weathering.

Store in a dry place and avoid extreme temperature fluctuations.

Close bag after use to prevent moisture absorption and contamination.

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### Safety

Ferrit Y26M is not classified as dangerous substance according to transport regulations (not classified).

The sample handling does not need special procedure.

The safety data sheet should be observed. It contains information on handling, product safety and ecology.

### Use

Ferrit Y26M is broadly used in several applications, however its use is not recommended in food and drugs.

### Site address

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