



Óxido de Ferro
Rio Acima



TECHNICAL DATA SHEET

Product: Red iron oxide

1. PRODUCT IDENTIFICATION:

Substance: Hematite

Chemical Name: Iron (III) oxide

Synonyms: red ochre

Molecular Formula: α -Fe₂O₃ **Molecular Weight:** 159,6

Origin: Domestic (Brazil)

2. SPECIFICATIONS:

Product – Red	100#	250#	325#
Controlled Items	Limit		
Bulk density (g/cm³)	3,5 – 4,5	3,5 – 4,5	3,5 – 4,5
Fe (%)	61 - 64	61 - 64	61 - 64
Fe₂O₃ (%)	87 - 91	87 - 91	87 - 91
pH	3,5 – 6,5	3,5 – 6,5	3,5 – 6,5
% retained	≤ 6,0 %	≤ 2,0 %	≤ 1,0 %
Moisture content (%)	≤ 2,0%	≤ 2,0%	≤ 2,0%

3. GENERAL PROPERTIES:

Red inorganic pigment. This product is widely used in different applications.

4. SHELF LIFE:

5 years

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