

# Prominsa Spanish Iron Oxide

## Technical Data

### Chemical analysis

Fe <sub>2</sub> O <sub>3</sub>	81%
SiO <sub>2</sub>	5%
CaO	2.3%
MgO <sub>2</sub>	2%
Al <sub>2</sub> O <sub>3</sub>	2.6%
Water-soluble salts	0.1%
Loss on ignition	7%

### Particle size

Microns	% less than
10	100
8	99.76
6	98.50
4	94.05
2	80.08
1	61.53

### Physical properties

Average particle size	1.22 microns
Density	4.39 (g./cc.)
Oil absorption	22.32 (g. oil/100 g.)
Specific surface area	15.0 (m <sup>2</sup> /g.)