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INDUSTRIAL MINERALS SINCE 1897

IRON OXIDE SYNTHETIC 160

This is a synthetic Iron Oxide of a red Iron Oxide. It has high purity and low lot to lot variation. It is suitable as a rouge for polishing, as a reagent, as a colorant, etc.

CHEMICAL ANALYSIS:

Fe2O3	99.+ %
Al2O3	0.01%
SiO2	.30%
Loss on Ignition	5.0% Max
Moisture	1.0% Max

TRACE ANALYSIS

Calcium	0.06%
Chromium	0.20%
Copper	0.03%
Manganese	0.02%
Nickel	0.01%
Zinc	0.01%
Other Metals less than	0.01%

PHYSICAL SPECIFICATIONS:

pH	6.5
Oil Absorption	55 gr oil/100 gr Fe2O3
Bulk Density	
Loose	0.62 gr/cc
30 Taps	1.03 gr/cc
Ultimate Tap	1.20
Specific Gravity	5.1
+400 Mesh	Trace
Water Soluble	0.5% Max
Average Particle Size	2-.5 micron

PACKAGING:

Paper Bag 55 Lbs or Supersack

Classic
Fine Ingredients