

## PRODUCT DATA SHEET

### Maha™ RED IOX 110

**Maha™ RED IOX 110** is an inert, non-toxic and high-quality inorganic pigment produced by mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and diluted acids, resistant to acid, lime and alkaline as well as absolutely weather and light stable.

#### Properties

Item	Specification
Appearance	Red Pigment
Form	Powder
Chemical class	Synthetic iron oxide $\alpha$ -Fe <sub>2</sub> O <sub>3</sub>
Color Index	Pigment red 101 (77491)
CAS NO.	1309-37-1
Fe <sub>2</sub> O <sub>3</sub> content	96 % min
Tinting strength	95-105 %
Color Shade ( $\Delta E$ )	1.0 max
Sieve Residue (0.045 mm)	0.3 % max
Moisture (after production)	1.0 % max
Oil absorption (g/ 100g)	15-25
pH value	3.0-7.0
Water Soluble	0.5 % max

#### Applications

It has better performance with its optimized color strength, superior dispersibility, chemical stability, and outstanding light fastness for painting and coatings. With the good opacity, high tinting strength, strong absorption of ultraviolet light, it is also used as colorant in other fields for construction industry

It is mainly used for coating, construction, plastic and rubber industry.

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### Packaging

- 25kg/bag with pallet wrapped and shrank 1000kgs/1100kgs jumbo bags with pallet.

### Storage

- Keep it in cool, dry and clean conditions in its original packing, and avoiding direct sunshine. Opened sacks should be used promptly to avoid the moisture absorption.

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