

## Technical Data Sheet

### KROMA RED<sup>®</sup> RR Series Synthetic Iron Oxide Red

**KROMA RED<sup>®</sup> RR Series** is available in several color shades from light red shade to dark red shade. All of the RR products are carefully controlled within narrow limits for mass & tint color, and strength. They are excellent low-cost alternatives to the KROMA RED<sup>®</sup> RO Iron Oxide Series.

KROMA RED<sup>®</sup> RR products are non fading, chemically stable and are unaffected by normal baking temperatures. They find wide application in paints and coatings of all types. They are also used in many other applications such as building materials, chemicals and plastics.

#### TYPICAL PROPERTITES (Data Below Apply to All RR Series)

Color Index	77491(Pigment Red 101)
Formula	Fe <sub>2</sub> O <sub>3</sub>
Particle Shape	Rhombohedral
Fe <sub>2</sub> O <sub>3</sub> Content, %	96+
Specific Gravity	4.9
pH	4.0~7.0
Moisture, %	0.50
Water Soluble Salts, %	0.20
+325 Mesh Retention, %	0.050
Specific Resistance, ohm-cm	2500
Refractive Index Number	3.1

The information contained in this data sheet is derived from analysis of a typical batch of each product. It is given for information purposes only, without guarantee, and does not constitute a product specification.

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**Synthetic Iron Oxide Red**



Product	Average Particle Size ( $\mu$ )	Specific Surface Area ( $m^2/g$ )	Oil Absorption (g/100g)
RR1597	0.20	15.0	22
RR2597	0.25	13.0	22
RR3597	0.30	10.0	22
RR4597	0.40	8.0	22
RR5597	0.45	7.0	22
RR6597	0.65	6.0	22
RR7597	0.75	5.0	22
RR8597	0.90	4.0	22

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