



Sino-American Pigment Systems, Inc.

QUALITY RAW MATERIALS ■ ENVIRONMENTAL TECHNOLOGY

Titanium Dioxide – (Rutile) Product Description

Description: **R208** is an untreated general purpose grade of Rutile Titanium Dioxide. This is a sulfate process material based on European production technology. It offers fair hiding power, dispersibility, and low oil absorption. Our QC program ensures that its quality will consistently meet the specifications listed below.

Applications: It is suitable for traffic paint, ink, and plastic applications.

Packaging: 25 KG (55 lbs), Super sacks are also available upon request. Palletized, shrink wrapped and suitable for high-sea shipment.

Typical Specifications

Titanium Dioxide Product Code #: R208
Physical Form: Dry Powder
Color Index Number (C.I.#): 77891

| | | Range | Typical |
|-------------------------------|-----------|--------------|----------------|
| TiO ₂ Content | % Minimum | ≥ 98 | 98.5 |
| Density (g/cm ³) | Median | 3.8 - 4.2 | 4.1 |
| Oil Absorption (lbs/100 lbs) | Maximum | ≤ 20 | 18 |
| pH | Nominal | 6.5 - 8.5 | 7 |
| Durability | Define | good | good |
| Rutile content | % Minimum | ≥ 98 | 99 |
| Volatile Matter at 105°C | % Maximum | ≤ 0.5 | 0.18 |
| 325 Mesh Sieve Residue (45um) | % Maximum | ≤ 0.1 | 0.05 |