



**FRIENDO INDUSTRIAL LIMITED**

**友信中實業有限公司**

ROOM 902, 9/F, BANK CENTRE, 636 NATHAN ROAD, KOWLOON, HONG KONG  
E-mail: info@friendochem.com Website: www.friendochem.com

## Technical Data Sheet

Revision Date: Mar. 16, 2015

|                     |  |                   |          |                      |
|---------------------|--|-------------------|----------|----------------------|
| Trade Name          | Iron Oxide Brown   |                   |          |                      |
| Type                | 610,686  |                   |          |                      |
| Color Index         | Pigment Red 101(77491)   |                   |          |                      |
| CAS NO .<br>/EC.NO. | 1309-37-1/215-168-2  |                   |          |                      |
| Specification       | Content(Fe <sub>2</sub> O <sub>3</sub> .a H <sub>2</sub> O)                  | %                 | 88 min   | ISO1248              |
|                     | Oil absorption   | ml/100g           | 20-30    | ISO787-5             |
|                     | Res. On 325 mesh   | %                 | 1.0 max  | ISO787-7             |
|                     | Water soluble salts  | %                 | 0.5 max  | ISO787-3             |
|                     | Moisture   | %                 | 1.5 max  | ISO787-2             |
|                     | Ph value   |                   | 3-7      | ISO787-9             |
|                     | Ignition loss(1000 °C, 1/2 h)  | %                 | 5.0 max  | DIN55913             |
|                     | Bulk density   | g/cm <sup>3</sup> | 0.8-1.2  | ISO787-11            |
|                     | Specific gravity   | g/cm <sup>3</sup> | 4.8      | ISO787-10            |
|                     | Particle size BET  | Um                | 0.2      | Electron micrographs |
|                     | Dispersibility(Hegman)   | Um                | 20/30/40 | ISO787-20            |
|                     | Tinting Strength<br>(compared with Standard)                                 | %                 | 95-105   | ISO787-24            |
|                     | Colr difference Δ E<br>(Compared with standard)                              |                   | 1.0 max  | ISO787-1             |
| Safety              | The product is not classified as hazardous under EC:1907/2006 & EC:1272/2008 |                   |          |                      |