



HYROX



TECHNICAL DATA

Edition of: 2010-12-9

| | | | | |
|--------------------------------|--|---|----------|----------------------|
| Trade name | Iron oxide black | | | |
| Type | 760 | | | |
| REACH | Registration No. 01-2119457646-28-0014 | | | |
| Chemical name | Triiron tetraoxide (Fe ₃ O ₄) | | | |
| Delivery form | Powder | | | |
| Colour index | Pigment black 11 (77499) | | | |
| CAS No./EC No. | 1317-61-9/215-277-5 | | | |
| Specifications | Contents (Fe ₃ O ₄) | % | ≥90 | ISO1248 |
| | Oil absorption | ml/100g | 15~25 | ISO787-5 |
| | Res. on 325 mesh | % | ≤0.5 | ISO787-7 |
| | Water soluble salts | % | ≤0.5 | ISO787-3 |
| | Moisture | % | ≤1.5 | ISO787-2 |
| | pH value | | 5~8 | ISO787-9 |
| | Ignition loss (1,000°C, ½ h) | % | ≤5.0 | DIN55913 |
| | Bulk density | g/cm ³ | 0.8~1.2 | ISO787-11 |
| | Specific gravity | g/cm ³ | 4.8 | ISO787-10 |
| | Particle size BET | µm | 0.2 | Electron Micrographs |
| | Dispersibility (Hegman) | µm | 20/30/40 | ISO787-20 |
| | Tinting Strength (Compared with Standard) | % | 95~105 | ISO787-24 |
| | Color Difference ΔE (Compared with Standard) | | ≤1.0 | ISO787-1 |
| | Sales packing | In 25kg paper bag/1000kg bulk bag then palletized | | |
| Transport & Storage | Protect against weathering / Store in a dry place, temperatures of above 80 °C must be avoided | | | |
| Safety | The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008 | | | |



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