



GENERAL PRODUCT SPECIFICATION

| Article | Values | Test Methods |
|---|-----------------------------|--------------|
| Pigment Name and Code | Black Iron Oxide BLK-101-MG | |
| Color Index | PBI.11/77499 | |
| Specific Gravity (g/cm ³) | 4.5 | ISO 787-10 |
| Bulk Density(g/cm ³) | 0.5 – 0.7 | ISO 787-11 |
| Tamped Apparent Density(g/cm ³) | 1.1 – 1.5 | ISO 787-11 |
| Oil Absorbtion (g/100 g) | 13 – 18 | ISO 787-5 |
| pH ± 1 | 7.0 | ISO 787-9 |
| Moisture and Volatile Matter at 105°C max, % | 1.0 | ISO 787-2 |
| 44 µ Residue on Sieve max, % | 0.2 | ISO 787-7 |
| Particle size, microns d90 max. | 2,0 | *ISO 8130-13 |
| Matter Soluble in Water max, % | 0.5 | ISO 787-3 |
| Heat Stability, °C | 200 | ISO 787-21 |
| Lightfastness (1-8 scale) | 7 – 8 | ISO 787-15 |
| Iron Oxide Fe ₂ O ₃ min.% | 92 – 95 | ISO 1248 |

* Cilas 850 Particle size distribution device

TECHNICAL
DATA
SHEET



Kemalpaşa Asfaltı No.44 Kemalpaşa-İzmir
Tel:0232. 877 04 00 • Fax:0232. 877 04 01 • web:http://www.pigment.com.tr • e-mail:pigment@pigment.com.tr • e-mail:info@pigment.com.tr

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