



Technical Data Sheet

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Commercial Name: GRANUFIN® Black 77GS
Manufacturer: Oxerra

General Description

Chemical Formula: Fe_3O_4
Type: Black Iron Oxide Pigment
Colour Index: Pigment Black 11 (77499)
CAS No.: 1317-61-9
EINECS No.: 215-277-5
Form: Granules

Technical Data - Specified Values

	<u>Min.</u>	<u>Max.</u>	<u>Test Method</u>
Colour Tolerance against current standard: ⁽¹⁾			
ΔE^*		1.2	LO-32
Relative Tinting Strength (%)	95	105	LO-32
Water Soluble Salts (%) ⁽²⁾		5.0	LO-05
Chloride Content (%)		0.1	LO-43
pH	6.0	10.0	LO-06



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Technical Data - Typical Values

Fe ₂ O ₃ Content (%)	95+	LO-16
Particle Shape	Cubic	T.E.M. ⁽³⁾
Specific Gravity	Approx. 4.6	ISO DIN 787/10
Apparent Density (g/cm ³)	Approx. 1.3	LO-09
Water Content ex. works (%)	≤ 1	LOG-25

Standard Packaging

25 Kg bags, 1000 Kg Supersacks

Notes:

1. Grey Cement
2. Sulphates
3. T.E.M. = Transmission Electron Microscopy

Granufin® 77GS complies with EN 12878 (Category A). 0840-CPR-1014-090021-08

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