

**Technical Data Sheet****TDS****General Description**

Product Name	Iron Oxide Black 318
Type	Black pigment
Chemical Class	Synthetic iron oxide $\alpha$ -Fe <sub>3</sub> O <sub>4</sub>
Delivery Form	Powder
Color Index	Pigment black 11 (77499)
CAS	1317-61-9
EINECS NO.	235-442-5
Particle Shape	Spherical

**Physical and Chemical properties**

Test Items	Specification
Appearance	Black powder
Content of Fe <sub>2</sub> O <sub>3</sub> , %	90 min.
PH Value	5-8
Shade	Close to std.
Oil Absorption, %	15-25
Residue on 325 mesh, %	0.5 max.
Water soluble, %	0.5 max.
Volatite at 105°C, %	1.5 max.
Tinting Strength, %	98-102
DE (compared with std.)	1 max.

**Application**

Paint, coating, plastics and rubbers, leather industries, paper, concrete products, construction materials etc..

**Package**

25kg bag, 1000kg big bag with pallets.

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