GRIFFIN

WALDIES
COMPOUND LIMITED
Since 1858

Data Sheet : 2

Red Lead Non Setting

Description :

Red lead (Pb_3O_4 OR 2PbO, PbO_2) is soft orange red coloured powder which does not deteriorate on storage but conglomerates in wet condition. It occupies an important place amongst rust inhibiting products. It is also an useful ingredient for the storage battery, glass and ceramics industry.

Standards : Conforms to IS : 57-1989 Type C.

Typical Properties :

Appearance	Orange red powder
Total oxides of Lead (%min.)	99.5
Pb_3O_4 (%min.)	95.44
PbO_2 equivalent (%min.)	33.3
Specific gravity	8.8
Apparent density (Scott density) (g/ml)	1.2 - 1.7
Residue on 63 micron. I.S.sieve (% max.)	0.15
Volatile matter (%max.)	0.05
Matter soluble in water (%max.)	0.05
Oil absorption (%)	6.0 - 7.0
Water absorption (mg/g)	105 - 120
Acid absorption (mg/g)	140 - 170

Application :

a) In storage battery manufacture mostly as an ingredient of paste for positive plates. It has some advantage in regulating the time needed for formation, and it provides a battery whose capacity reaches its maximum point.

b) As an anticorrosive agent for protecting steel structures our Red Lead Non-Setting always has a minimum PbO_2 content of 33.3%, of very fine uniform particle size, best non setting properties and maximum shelf life. It has high covering power and this has the advantage of mixing readily with paint media.

c) In glass manufacture as an oxidising agent and in the manufacture of lead crystal and optical glasses.

d) In pottery and ceramics industry for making Lead Frits for use in glazes.

e) In the assay of Gold and Silver in small quantities.

f) As an activator in the vulcanising of natural nitrile-butadiene and styrene-butadiene rubbers and as a vulcaniser for isobutylene-isoprene rubbers.

Handling & hygiene : All lead compounds are toxic. The safe use of these compounds can be achieved by the adoption of correct and hygienic methods of operation. Information and advice on such matters,if necessary, will be available on request from Waldies Compound Limited.

Packing : 25 Kg. nett double alkathene lined hessian bags with red branding.

WALDIES COMPOUND LIMITED

(FORMERLY BARFANI BUILDER LIMITED) AN ISO – 9001: 14001 CERTIFIED COMPANY,

BRITISH STANDARD OSHAS – 18001 CERTIFIED CIN NO - U24100WB2013PLC196945

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