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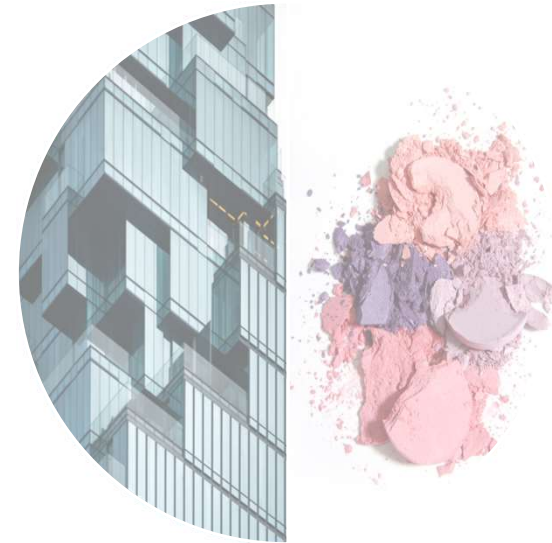
Regeneration products 2024



Applications

Our iron oxides Lurgi Fe_2O_3 are used mainly in West Europe by industries covering different fields.

Thanks to iron oxides Lurgi, **pigments** could be produced to colour **glass**, high density of material allow usage for **counterweight**, **brake pads**, **water treatment**...



ArcelorMittal plants



AM Dofasco

The iron oxides Lurgi are produced at AM Florange in France and at AM Dofasco in Canada which enables ArcelorMittal to sell them in Europe and in North America.



AM Florange

Technical description

The pyro-hydrolysis of ferrous chloride contained in a used acid bath at 850 C generates grey beads, the iron oxide Lurgi.

State of matter: grey beads

pH : between 4 and 6 in water solution

Decomposition temperature : >1000 C

Solubility : Low

Density : 3100 kg/m^3

Particle size : between 0.1 et 1 mm

Chemical component	AM Florange
Iron oxide	97.3%
Manganese oxide	1.02%
Silicon dioxide	0.31%
Calcium oxide	0.28%

Contact

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