



Vanadium Pentoxide

GfE Article no. 2008 582

Formula

V_2O_5

Grade

High purity

Appearance

Orange powder

Application

- **CATALYST INDUSTRY**
Used for phthalic anhydride, maleic anhydride, Denox, dioxin, difuran.
- **ELECTRONIC INDUSTRY**
Used in light emitting phosphor for high pressure mercury lamps, light emitting substances for display screens, Li reserve batteries, Li rechargeable batteries, ferrite magnets.

Packaging

Steel drums 25 - 200 kg.
Other packing on request.

ADR/RID, IMDG, ICAO/IATA class 6.1

CAS no. 1314-62-1

UN no. 2862

Chemical Analysis in wt%

V in total

as V_2O_5 ≥ 99.9

Na ≤ 0.01

V_2O_4 ≤ 0.6

K ≤ 0.01

Fe ≤ 0.01

Cr ≤ 0.005

Si ≤ 0.015

P ≤ 0.01

S ≤ 0.01

Other elements on request.

Physical Properties

Melting point abt.: 690 °C

Size: less than 1 mm
d(90) <300 μ m