

VANADIUM PENTOXIDE

GfE Article no. 2008582

Formula

V_2O_5

Grade

high purity

Appearance

yellow powder

Application

catalysts 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

Origin

Germany

Packaging

steel drums 25 - 200 kg
other packing on request

Quality

GfE Metalle und Materialien GmbH has implemented and maintains a DIN ISO 9001:2000 quality system.

ADR/RID, IMDG, ICAO/ IATA class 6.1

CAS no. 1314-62-1

UN no. 2862

Tariff no. 2825 3000

Chemical Analysis

. spec. (wt. %)

V_2O_5 min. 99.9

Na max. 0.01

K max. 0.01

Fe max. 0.01

Cr max. 0.005

Si max. 0.015

P max. 0.01

S max. 0.002

other elements on request

Physical Data

density 3.47 g/cm³

bulk density 0.9 g/cm³

melting point abt. 690 °C

molecular weight 181.88

size less than 1 mm

. d(90) = 200 mm