Vanadium Pentoxide

GfE Article no. 2008 620

Formula
V_2O_5

Grade
Chemically pure

Appearance
Orange powder

Application

- CATALYST INDUSTRY
  Used for sulfuric acid, adipic acid.
- FERTILIZER (AMMONIA, UREA) HYDROGEN (H_2O_2, METHANOL)
  Used for corrosion inhibition in carbon dioxide scrubbers (gas sweetening) of types Benfield, Ventrocoke, Catacarb, Carbosolvan, Carsol and Girbotol.
- CERAMIC INDUSTRY
  Used for colorizing and glaze.
- ENAMELLING INDUSTRY
  Used for low melting enamel frits, e.g. for coating of aluminum.
- GLASS INDUSTRY
  Used for absorption of ultraviolet light or infrared light.
- METALLURGY INDUSTRY
  Used for manufacturing vanadium aluminum and for grain refining in tungsten carbides.

Packaging
Steel drums 25 - 180 kg
Big bags
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	≥99.6
V_2O_4	≤1
Na	≤0.02
K	≤0.02
Fe	≤0.03

Other elements on request.

Physical Properties

Size:	less than 1 mm

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AMG TITANIUM
GfE Metalle und Materialien GmbH
Höfener Str. 45, 90431 Nürnberg
Germany
www.amg-titanium-de.com

Contact: Alicja Dulat
Phone: +49 (0)911 9315-263
E-mail: alicja.dulat@amg-titanium-de.com