

AMMONIUM METAVANADATE

GfE Article no. 2008602

Formula

NH_4VO_3

Grade

luminescent quality

Appearance

white crystalline powder

Application

catalyst industry - used for adipic acid, DENOX, dioxin, difuran

ceramic industry - used for pigments, glazing

electronic industry - used in light emitting phosphors for high pressure mercury lamps and TV phosphors

Origin

Germany

Packaging

steel drums 25 - 200 kg
other packing on request

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. 7803-55-6

UN no. 2859

Tariff no. 2841 9030

Chemical Analysis

. spec. (wt. %)

NH_4VO_3 min. 99.9

V_2O_5 max. 77.7

Na max. 0.002

K max. 0.002

Fe max. 0.001

Cr max. 0.001

Si max. 0.01

S max. 0.01

P max. 0.002

As max. 0.002

other elements on request

Physical Data

density 2.3 g/cm³

bulk density 0.9 g/cm³

melting point decay 70 °C

molecular weight 116.98

size less than 1 mm

. d(90) = 300 mm

insoluble in water max. 100 ppm