



Specification

Concerning Product:	
Article number	1313139VB
Trade name / designation / denomination	Mangan IV Oxid
CAS number	1313-13-9
Other names / synonyms	•Manganese (IV) oxide, activated, oxidizing agent; •Manganese Dioxide, Powder, Technical; •Manganese Dioxide, Reagent; •Manganese dioxide, active; •Manganese(IV) oxide; •Manganese(IV) oxide activated; •Manganese(IV) oxide, 99. (metals basis); •Manganese(IV) oxide, Puratronic, 99. (metals basis); •Manganese(IV) oxide, activated, tech., Mn min; •dioxomanganese;
EC number	215-202-6
EC index number	025-001-00-3
Customs tariff number / CN code / TARIC	26020000
Molecular weight [g / mol]	86,94
Formula	MnO ₂
 UN 1479/1479, 5.1 (Entzündend/oxidierend wirkende Stoffe), II	
May intensify fire; oxidiser. Harmful if swallowed. Harmful if inhaled. Take any precaution to avoid mixing with combustibles... Do not breathe dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
Organoleptic test		
Colour	black-brown	
Physical parameter		
Loss on drying	1,7	%
Identity		
Assay	Al ₂ O ₃ = 1,8	%
Assay	Fe ₂ O = 0,8	%
Assay	MnO ₂ = 80	%
Assay	SiO ₂ = 6,1	%

Annotation:

Since the product is of natural origin, fluctuations in the above values are almost unavoidable.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Sep. 2022

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