



Specification

Concerning Product:	
Article number	1309484MV
Trade name / designation / denomination	Magnesiumoxid, Pulver
CAS number	1309-48-4
Other names / synonyms	•MAGNESIUM OXIDE; •Magnesia grooves; •Magnesia sticks; •Magnesium Oxide, Heavy Powder, USP; •Magnesium Oxide, Light Powder, USP; •Magnesium Oxide, Powder, FCC; •Magnesium Oxide, Powder, Reagent, ACS; •Magnesium Oxide, Powder, Technical; •Magnesium oxide; •Magnesium oxide substrate, 10x10x0.5mm, polished one side, 100 orientation;
EC number	215-171-9
Customs tariff number / CN code / TARIC	25199010
Molecular weight [g / mol]	40,30
Formula	MgO

Parameter	Specification	Unit
Organoleptic test		
Appearance	white powder	
Physical parameter		
Bulk density	≥ 300	g/l
Identity		
Assay	MgO: ≥ 97	%
Impurities		
Residue on ignition	≤ 3	%
Sulphates (SO ₄)	≤ 0,50	%
Impurity	CaO: ≤ 0,05	%
Impurity	Fe ₂ O ₃ : ≤ 0,01	%
Impurity	Na ₂ O: ≤ 0,10	%
Impurity	SiO ₂ : ≤ 0,01	%
Elemental Impurities		
Chlorides (Cl)	≤ 0,70	%
Particle size distribution		
Particles	< 325 Mesh ≤ 99,0	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. May. 2019

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