



Spezifikation

Produktbezug:	
Produktnummer	1309484MMW
Handelsname / Bezeichnung	Magnesiumoxid, mittelschwer
CAS Nummer	1309-48-4
Andere Bezeichnungen / Synonyme	•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;
EG Nummer	215-171-9
Zolltarifnummer / CN-Code	25199010
Molekulargewicht [g/mol]	40,30
Formel	MgO

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	feines, weißes Pulver	
Physikalische Parameter		
Aktivitätsindex (Essigsäure)	≤ 9,0	sec.
Schüttdichte	~ 380	g/l
Spezifische Oberfläche	≤ 50	m ² /g
Identifikation		
Gehalt	MgO (o.d.b.)* ≥ 97,0	%
Verunreinigungen		
Glührückstand	≤ 6,0	%
Verunreinigung	Al ₂ O ₂ : ≤ 0,2	%
Verunreinigung	CaO: ≤ 1,0	%
Verunreinigung	Fe ₂ O ₂ : ≤ 0,3	%
Verunreinigung	SiO ₂ : ≤ 0,5	%
Verunreinigung	SO ₃ : ≤ 0,3	%
Elementare Verunreinigungen		
Chloride (Cl)	≤ 0,5	%
Partikelgrößenverteilung		
Partikel	< 100 Mesh ≥ 99,9	%
Partikel	< 325 Mesh ≥ 99,0	%
Partikel	~ 3 – 8	µm

Anmerkung:

o.d.b. = on dried basis / auf getrockneter Basis

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. May. 2019

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