



Spezifikation

Produktbezug:	
Produktnummer	1309484V01
Handelsname / Bezeichnung	Magnesiumoxid schwer, EP, USP, LM
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	Test Method	Specification	Unit
Sensorische Prüfung			
Aussehen der Lösung	EP	entspricht	
Aussehen		weißer Feststoff	
Physikalische Parameter			
Unlösliche Anteile		(in Säure) $\leq 0,100$	%
Glühverlust		$\leq 5,0$	%
Schüttdichte		(lose) 0,25 – 0,65	g/ml
Identifikation			
Gehalt	EP	98 – 100,5	%
Identifizierung		entspricht	
Verunreinigungen			
Freies Alkali (Ca(OH) ₂)	USP	$\leq 2,0$	ml
Löslicher Anteil		$\leq 2,00$	%
Sulphat (SO ₄)	EP	$\leq 1,00$	%
Verunreinigung		(CaO) $\leq 1,5$	%
Elementare Verunreinigungen			
Arsen (As)		≤ 1	ppm
Calcium (Ca)	USP	$\leq 1,10$	%
Cadmium (Cd)		$\leq 0,5$	ppm
Chloride (Cl)	EP	≤ 1000	ppm
Eisen (Fe)		≤ 500	ppm
Quecksilber (Hg)		$\leq 0,5$	ppm
Blei (Pb)		$\leq 0,5$	ppm
Partikelgrößenverteilung			
Partikel		> 325 Mesh ≤ 25	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Apr. 2026

LF-Basis: (2025-08-18)

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