



Spezifikation

Produktbezug:	
Produktnummer	1309484MF
Handelsname / Bezeichnung	Magnesiumoxid, sehr fein
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	weißes Pulver	
Physikalische Parameter		
Aktivitätsindex	≤ 9,0	sec.
Schüttdichte	~ 350	g/L
Spezifische Oberfläche	5 – 25	m ² /g
Identifikation		
Gehalt	(o.d.b.*) ≥ 99,0	%
Verunreinigungen		
Glührückstand	≤ 2,5	%
Sulphat (SO ₄)	≤ 0,2	%
Verunreinigung	Al ₂ O ₃ : ≤ 0,15	%
Verunreinigung	CaO: ≤ 0,2	%
Verunreinigung	SiO ₂ : ≤ 0,05	%
Elementare Verunreinigungen		
Chloride (Cl)	≤ 0,1	%
Eisen (Fe)	≤ 0,05	%
Kalium (K)	(incl. Natrium/Sodium) ≤ 100	ppm
Natrium (Na)	(incl. Kalium/Potassium) ≤ 100	ppm
Partikelgrößenverteilung		
Partikel	D ₅₀ : ≤ 5	µm
Partikel	D ₉₀ : ≤ 16	µm

Anmerkung:

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

Zusätzliche Angaben:

Freigabe des Herstellers: 2018-10-09

Version des Herstellers: 2

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 05. Jun. 2019

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