



Spezifikation

Produktbezug:	
Produktnummer	1309484MMZ
Handelsname / Bezeichnung	Magnesiumoxid, mittelleicht
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	
Geruch	geruchlos	
Physikalische Parameter		
Aktivitätsindex	(CMA): 7 – 11	sec.
Schüttdichte	~ 350	g/l
Löslichkeit	sehr schwer löslich in Wasser	
Spezifische Oberfläche	≥ 40	m ² /g
Identifikation		
Gehalt	MgO: ≥ 97	%
Verunreinigungen		
Glührückstand	≤ 3,0	%
Verunreinigung	Al ₂ O ₃ : ≤ 0,20	%
Verunreinigung	CaO: ≤ 1,0	%
Verunreinigung	Fe ₂ O ₃ : ≤ 0,30	%
Verunreinigung	SiO ₂ : ≤ 0,50	%
Verunreinigung	SO ₃ : ≤ 0,30	%
Elementare Verunreinigungen		
Chloride (Cl)	≤ 0,50	%
Partikelgrößenverteilung		
Partikel	< 325 Mesh ≥ 99,0	%
Partikel	~ 3 – 8	µm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. May. 2019

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