



## Spezifikation

Produktbezug:	
Produktnummer	1309484MWR
Handelsname / Bezeichnung	Magnesiumoxid, schwer, rein
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
<b>Sensorische Prüfung</b>		
Aussehen	feines, weißes Pulver	
Geruch	geruchlos	
<b>Physikalische Parameter</b>		
Schüttdichte	(10 x TAP): 400 – 600	g/l
Löslichkeit	nahezu unlöslich in Wasser, löslich in verdünnten Mineralsäuren	
Spezifische Oberfläche	(BET): 4,0 – 20,0	m <sup>2</sup> /g
<b>Identifikation</b>		
Gehalt	MgO: ≥ 99,0	%
<b>Verunreinigungen</b>		
Glührückstand	(@ 900 °C): ≤ 2,0	%
Sulphat (SO <sub>4</sub> )	≤ 0,15	%
Verunreinigung	B <sub>2</sub> O <sub>3</sub> : ≤ 0,02	%
Verunreinigung	CaO: ≤ 0,15	%
Verunreinigung	Fe <sub>2</sub> O <sub>3</sub> : ≤ 0,012	%
Verunreinigung	SiO <sub>2</sub> : ≤ 0,05	%
<b>Elementare Verunreinigungen</b>		
Chloride (Cl)	≤ 0,12	%
Natrium (Na)	≤ 0,10	%
<b>Partikelgrößenverteilung</b>		
Partikel	> 100 Mesh ≤ 2,0	%
Partikel	> 200 Mesh ≤ 10,0	%
Partikel	> 325 Mesh ≤ 25,0	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. May. 2019

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