



Spezifikation

Produktbezug:	
Produktnummer	1332587TAG36
Handelsname / Bezeichnung	Kaolin, China-Clay 36% Al ₂ O ₃
CAS Nummer	1332-58-7
Andere Bezeichnungen / Synonyme	•Kaolin; •Kaolin, Colloidal, Powder; •Kaolin, Powder, FCC; •Kaolin, Powder, USP;
EG Nummer	310-194-1
Molekulargewicht [g/mol]	258,16
Formel	H ₄ Al ₂ O ₉ Si ₂

Parameter	Spezifikation	Einheit
Physikalische Parameter		
Trocknungsverlust	(1280°C) ≤ 13,0	%
Wasseraufnahmevermögen	(1280°C) ≤ 6,5	%
Identifikation		
Gehalt	Al ₂ O ₃ : ≥ 36,0	%
Gehalt	SiO ₂ : ≥ 49,0	%
Verunreinigungen		
Glührückstand	≥ 88,0	%
Verunreinigung	CaO: ≤ 0,06	%
Verunreinigung	Fe ₂ O ₃ : ≤ 0,75	%
Verunreinigung	K ₂ O: ≤ 1,85	%
Verunreinigung	MaO: ≤ 0,30	%
Verunreinigung	Na ₂ O: ≤ 0,10	%
Verunreinigung	TiO ₂ : ≤ 0,02	%
Partikelgrößenverteilung		
Partikel	< 2 µm ≥ 58	%
Partikel	> 53 µm ≤ 0,05	%
Partikel	> 8 µm ≤ 8	%

Zusätzliche Angaben:

Hinweis: Alle Angaben sind als Richtwerte zu verstehen und nicht als strenge Grenzwerte.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 09. Jan. 2020

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