



Spezifikation

Produktbezug:	
Produktnummer	1332587TKA34
Handelsname / Bezeichnung	Kaolin, Elast. 34% 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	H4Al2O9Si2

Parameter	Methode	Spezifikation	Einheit
Physikalische Parameter			
Dichte		~ 2,6	g/ml
Trocknungsverlust	DIN ISO 787, T2	≤ 0,7	%
pH-Wert		~ 6	
Schüttdichte		250 – 350	g/ml
Spezifische Oberfläche	DIN 66132	(BET): ~ 6	m ² /g
Identifikation			
Gehalt		Al ₂ O ₃ : ≥ 34,3	%
Gehalt		SiO ₂ : ≥ 50,4	%
Verunreinigungen			
Glührückstand		(@ 1000 °C): ≥ 88,5	%
Verunreinigung		Fe ₂ O ₃ : ≤ 0,5	%
Verunreinigung		K ₂ O: ≤ 1,9	%
Verunreinigung		Na ₂ O: ≤ 0,2	%
Verunreinigung		TiO ₂ : ≤ 0,4	%
Partikelgrößenverteilung			
Partikel	Sedigraph 5120	< 10 µm: ≥ 91	%
Partikel	Sedigraph 5120	< 2 µm: ≥ 44	%
Partikel	Sedigraph 5120	< 20 µm: ≥ 99	%
Partikel	Sedigraph 5120	< 4 µm: ≥ 66	%
Partikel	Sedigraph 5120	< 6 µm: ≥ 78	%
Partikel	ISO 3310	Nasssiebrückstand (> 63 µm): ≤ 0,02	%

Zusätzliche Angaben:

Mindesthaltbarkeit: 6 Monate

Herleitung: Naturprodukt, das veredelt und/oder gemischt sein könnte (auch mit synthetischen Produkten).

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

Verpackung: Lose, BigBags, 25 kg Papiersäcke

Verwendung: Bevorzugt für die Einsatzbereiche Elastomere, Gummi und Klebstoffe.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Jan. 2020

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