



Specification

Concerning Product:	
Article number	1332587TKA34
Trade name / designation / denomination	Kaolin, Elast. 34% Al ₂ O ₃
CAS number	1332-58-7
Other names / synonyms	•Kaolin; •Kaolin, Colloidal, Powder; •Kaolin, Powder, FCC; •Kaolin, Powder, USP;
EC number	310-194-1
Molecular weight [g / mol]	258,16
Formula	H4Al2O9Si2

Parameter	Test Method	Specification	Unit
Organoleptic test			
Colour	R457 abs	Weißgrad: 77 – 80	
Physical parameter			
Density		~ 2,6	g/ml
Loss on drying	DIN ISO 787, T2	≤ 0,7	%
pH value		~ 6	
Bulk density		250 – 350	g/ml
Specific surface area	DIN 66132	(BET): ~ 6	m ² /g
Identity			
Assay		Al ₂ O ₃ : ≥ 34,3	%
Assay		SiO ₂ : ≥ 50,4	%
Impurities			
Residue on ignition		(@ 1000 °C): ≥ 88,5	%
Impurity		Fe ₂ O ₃ : ≤ 0,5	%
Impurity		K ₂ O: ≤ 1,9	%
Impurity		Na ₂ O: ≤ 0,2	%
Impurity		TiO ₂ : ≤ 0,4	%
Particle size distribution			
Particles	Sedigraph 5120	< 10 µm: ≥ 91	%
Particles	Sedigraph 5120	< 2 µm: ≥ 44	%
Particles	Sedigraph 5120	< 20 µm: ≥ 99	%
Particles	Sedigraph 5120	< 4 µm: ≥ 66	%
Particles	Sedigraph 5120	< 6 µm: ≥ 78	%
Particles	ISO 3310	Wet sieve residue (> 63 µm):	%

Supplemental information:

Shelf life: 6 month

Derivation: Natural product that could be refined and / or mixed (also with synthetic products).

Note: All information is to be understood as a guideline and not as strict limit values.

Packing: Loose, big bags, 25 kg paper bags

Usage: Preferred for use in elastomers, rubber and adhesives.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 10. Jan. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.