



Specification

Concerning Product:	
Article number	1332587TAG36
Trade name / designation / denomination	Kaolin, China-Clay 36% 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	Specification	Unit
Physical parameter		
Loss on drying	(1280°C) ≤ 13,0	%
water absorptive capacity	(1280°C) ≤ 6,5	%
Identity		
Assay	Al ₂ O ₃ : ≥ 36,0	%
Assay	SiO ₂ : ≥ 49,0	%
Impurities		
Residue on ignition	≥ 88,0	%
Impurity	CaO: ≤ 0,06	%
Impurity	Fe ₂ O ₃ : ≤ 0,75	%
Impurity	K ₂ O: ≤ 1,85	%
Impurity	MaO: ≤ 0,30	%
Impurity	Na ₂ O: ≤ 0,10	%
Impurity	TiO ₂ : ≤ 0,02	%
Particle size distribution		
Particles	< 2 µm ≥ 58	%
Particles	> 53 µm ≤ 0,05	%
Particles	> 8 µm ≤ 8	%

Supplemental information:

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

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 09. Jan. 2020

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