

Material Specification: Dry Aluminium Hydroxide

SH 20

Chemical and Physical Analysis		Typical Value	Specification		Method
			Min.	Max.	
Moisture ¹⁾ (20° - 105° C)	%	0,02	< 0,01	0,10	ISO 806
Al ₂ O ₃	%	65,2	65,1	65,5	Dif.*
SiO ₂	%	0,006	0,002	0,010	DIN 51001 / XRF*
Fe ₂ O ₃	%	0,007	0,003	0,013	DIN 51001 / XRF*
TiO ₂	%	0,001	0,001	0,003	DIN 51001 / XRF*
CaO	%	0,002	0,001	0,007	DIN 51001 / XRF*
Na ₂ O	%	0,20	0,12	0,25	DIN 51001 / XRF*
L.O.I. ¹⁾ (105° - 1000° C)	%	34,6			ISO 806*
Whiteness (Cie Lab)		93,5	90		ISO 11664-4
Particle Size < 45 µm	%	5	1	12	ISO 13320-1*
¹⁾ Values at the time of production					
* Data of dried material (105° C)					

General Information

Appearance

White free-flowing powder

Packaging

Paper bags palletized, BigBags or bulk delivery

Safety Information

This product is non-hazardous, non-toxic and not inflammable. Since legislation may vary from country to country the specific instructions have to be adhered to.

REACH reference number

01-2119529246-39-0009

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