

Material Specification : 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	%	0,007	0,002	0,010	XRF*
Fe ₂ O ₃	%	0,008	0,004	0,013	XRF*
TiO ₂	%	0,001	0,001	0,003	XRF*
CaO	%	0,003	0,001	0,007	XRF*
Na ₂ O	%	0,20	0,15	0,25	XRF*
L.O.I. ¹⁾ (105° - 1000° C)	%	34,6			ISO 806*
Whiteness (Cie Lab)	%	92	90	94	ISO 11664-4 T.4
Granulometry < 45 µm	%	4	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.

Handling & warehousing

Due to the hygroscopic nature of the product, proper handling and storage are necessary.

REACH reference number

01-2119529246-39-0009

Please note

Information contained herein is intended only for evaluation by technically skilled persons, and is to be used by such persons at their own discretion and risk. Such information is believed to be reliable, but Dadco assumes no responsibility for results obtained or damages resulting from such use.

Typical properties and chemical analyses are intended as examples and are not to be considered as substitutes for actual analyses in those situations where properties and chemical compositions are critical factors. Sales of Dadco products shall be independent and subject exclusively to the terms and conditions set forth in Dadco order acknowledgment.