

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 | 0,004 | 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 | 0,15 | 0,25 | DIN 51001 / XRF* |
| L.O.I. ¹⁾ (105° - 1000° C) | % | 34,6 | | | ISO 806* |
| Whiteness (Cie Lab) | % | 92,5 | 90 | 94 | 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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