



MARTINAL® ON-313 S

Einsatzbeispiele / Applications

Das MARTINAL ON-313 S wird insbesondere als Flammschutzmittel und Füllstoff in Duroplaste und Polymerdispersionen eingesetzt.

The MARTINAL grade ON-313 S is mainly used as flame retardant and filler in thermoset resins and polymer dispersions.

Durchschnittsanalyse / Typical analysis

Al(OH) ₃ -Gehalt /-content	[%]	≈ 99.6
Feuchte / Moisture (105 °C)	[%]	≤ 0.25
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 34.5
Na ₂ O löslich / soluble	[%]	≤ 0.04
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)		
	d ₁₀ [µm]	2.0 – 4.0
	d ₅₀ [µm]	11 – 15
	d ₉₀ [µm]	20 – 30
Brechungsindex / Refractive index	[%]	1.58
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H ₂ O)	[µS/cm]	≤ 130
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 89
Ölaufnahme / Oil absorption	[cm ³ /100g]	20 – 30
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk Density	[kg/m ³]	≈ 650

Die oben genannten Werte sind nur als Richtwerte zu verstehen und nicht etwa als zugesicherte Eigenschaften.
The above mentioned values should be taken only as indications and not as guaranteed properties.

Shipping Information

Packaging and minimum order quantity information is available from sales or customer service.

Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

Chemical Registration Numbers

Chem. Bezeichnung / Chem. name: Aluminum Hydroxide
Formel / formula: Al(OH)_3
CAS No.: 21645-51-2
EC/EINECS No.: 244-492-7

EUROPE, MIDDLE EAST, AFRICA

Martinswerk GmbH
Kölner Straße 110
D-50127 Bergheim

Phone: +49-2271-902-0
Fax: +49-2271-902-710

Web: www.martinswerk.de
www.hubermaterials.com

AMERICAS

Huber Engineered Materials
3100 Cumberland Boulevard
Suite 600
Atlanta, Georgia 30339

Phone: +1 (678) 247-7300
Fax: +1 (678) 247-2797

Email: info@martinswerk.com
hubermaterials@huber.com

ASIA PACIFIC

Huber Fire Retardant Additives
(Qingdao) Co.Ltd
8th Floor No.2 Building, No.7,
Wuyishan Road, Huangdao District,
Qingdao – China

Phone: +86 532-58792008
Fax: +86 532-58792008



THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Refer to Martinswerk's Standard Conditions of Sale for the only express warranties applicable to the Martinswerk products. Products incorporating Martinswerk products are not warranted by Martinswerk. In no event is Martinswerk liable for consequential damages. **MARTINAL®** is used, applied for, or registered as a trademark of Martinswerk GmbH in various countries around the world.
© July 2017 Martinswerk GmbH