



# Product Data Sheet

## Halloysite clay MF 5

1	<b>Chemical composition</b>																		
	main elements mass-%																		
	<table border="1"><thead><tr><th>SiO<sub>2</sub></th><th>Al<sub>2</sub>O<sub>3</sub></th><th>TiO<sub>2</sub></th><th>Fe<sub>2</sub>O<sub>3</sub></th><th>CaO</th><th>MgO</th><th>K<sub>2</sub>O</th><th>Na<sub>2</sub>O</th><th>LOI (110 -1000 °C)</th></tr></thead><tbody><tr><td>45,6</td><td>37,1</td><td>&lt;0,1</td><td>0,67</td><td>0,13</td><td>&lt;0,1</td><td>&lt;0,1</td><td>0,6</td><td>14,0</td></tr></tbody></table>	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O	LOI (110 -1000 °C)	45,6	37,1	<0,1	0,67	0,13	<0,1	<0,1	0,6	14,0
SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O	LOI (110 -1000 °C)											
45,6	37,1	<0,1	0,67	0,13	<0,1	<0,1	0,6	14,0											
trace- and heavy elements (mg/kg)																			
<table border="1"><thead><tr><th>Pb</th><th>As</th><th>Cd</th><th>Hg</th><th>Ni</th><th>Cu</th><th>Cr</th><th>Zn</th></tr></thead><tbody><tr><td>579</td><td>77</td><td>25</td><td>0,04</td><td>161</td><td>18</td><td>60</td><td>6080</td></tr></tbody></table>	Pb	As	Cd	Hg	Ni	Cu	Cr	Zn	579	77	25	0,04	161	18	60	6080	Dioxin / Furan content: not determined up to now		
Pb	As	Cd	Hg	Ni	Cu	Cr	Zn												
579	77	25	0,04	161	18	60	6080												
2	<b>Mineralogical composition</b>																		
	(Ø - content)																		
Halloysite - 7 Å > 95 %																			
Alunite, Zinc sulphate < 1 %																			
3	<b>Grain-size-distribution</b> (wet sedimentation / laser measurement)																		
	< 200 µm	85 %																	
< 63 µm 70 %																			
< 20 µm 50 %																			
4	<b>Specific values</b>																		
	colour	white																	
	CEC	approx. 20 mval/100g																	
specific surface 30 m <sup>2</sup> /g																			
5	<b>Packaging / Delivery form</b>																		
	- in ___ kg PE-sacks, extradition:: - goods shipped in sacks in cardboard box (max. 800 kg) up EUR-pool pallet,																		

revised at: 19.01.2022