



# Product Data Sheet

## Halloysite clay MF 7

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>46,0</td> <td>37,5</td> <td>0,26</td> <td>1,1</td> <td>0,17</td> <td>0,34</td> <td>0,21</td> <td>0,02</td> <td>12,3</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)	46,0	37,5	0,26	1,1	0,17	0,34	0,21	0,02	12,3	n.d. - not determined
	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)											
46,0	37,5	0,26	1,1	0,17	0,34	0,21	0,02	12,3												
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>18</td> <td>&lt; 5</td> <td>&lt; 0,2</td> <td>&lt; 0,1</td> <td>2,8</td> <td>3,7</td> <td>3,1</td> <td>35,0</td> </tr> </tbody> </table>	Pb	As	Cd	Hg	Ni	Cu	Cr	Zn	18	< 5	< 0,2	< 0,1	2,8	3,7	3,1	35,0				
Pb	As	Cd	Hg	Ni	Cu	Cr	Zn													
18	< 5	< 0,2	< 0,1	2,8	3,7	3,1	35,0													
Dioxin / Furan content: < 0,1 ng/kg d.s.																				
2	<b>Mineralogical composition</b>																			
	(Ø - content)																			
Halloysite 10 Å / 7 Å approx. 90 %																				
Kaolinite approx. 10 %																				
3	<b>Grain-size-distribution (wet sedimentation)</b>																			
	< 0,7 mm	powder (dry)																		
< 2 µm > 80 % (wet sedimentation)																				
4	<b>Specific values</b>																			
	colour	white																		
CEC approx. 15 mval/100g																				
specific surface 25 m <sup>2</sup> /g																				
moisture content (105 °C) < 3,0 %																				
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