



# STYROMAG®

Styromagnesit Steirische Magnesitindustrie GmbH

## STYROMAG® K 10/F

### Characteristics:

STYROMAG® K 10/F is very active magnesia powder with small grain size, which is mainly used for the production of grinding and mill stones.

### Chemical data:

	method		typical
<b>MgO</b>	AA8.2.1.1.*	[%]	<b>81,0</b>
<b>CaO</b>	AA8.2.1.3. – RFA*	[%]	<b>5,0</b>
<b>CaO<sub>active</sub></b>	AA8.2.1.1.*	[%]	<b>0,6</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>	AA8.2.1.3. – RFA*	[%]	<b>2,5</b>
<b>SiO<sub>2</sub></b>	AA8.2.1.3. – RFA*	[%]	<b>5,0</b>
<b>L.O.I.</b>	1050°C/1h	[%]	<b>6,0</b>

### Physical data:

<b>bulk density</b>	EN 14016-2	[kg/dm <sup>3</sup> ]	<b>0,55 – 0,60</b>
<b>residue on sieve</b>	EN 14016-2		
<b>200 µm</b>		[%]	<b>0,2</b>
<b>90 µm</b>		[%]	<b>3,0</b>
<b>Setting time***</b>	AA8.2.1.5.*		<b>range</b>
start		[min]	<b>70 - 160</b>
end		[min]	<b>90 - 200</b>

\*\*\*setting times (MgCl<sub>2</sub>-solution, 20°Bé) are adjusted according to the customer's requirements

### Storage stability:

6 months from production date when stored in a dry place in unopened original packaging

\*..... internal test method

The data given above is typical values targeted by our production and are checked by our quality control with the help of the mentioned methods. It is still the user's duty to control the product upon delivery. We reserve the right to modify the manufacturing process of this product. As our product is a processed natural mineral, variations in the concentration of accompanying minerals are possible. This edition cancels and replaces all previous editions of this document.

K10F DS

Oberdorf, 02.02.2016



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Bankverbindungen:  
Raiffeisen-Landesbank Steiermark AG, 8010 Graz  
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