



## Magnesia metallurgical flux FluMag®

<b>Description</b>	Highly effective magnesian metallurgical flux with trademark "Flumag" is a lump (not briquetted) roasting free fireproof material. Flux produced from natural mineral brucite by selective extraction followed by X-ray radiometric separation in chemical composition and separation by fractional composition.																				
<b>Application</b>	Used for improving of slag formation and correction of magnesium oxides in the slag during steelmaking in converters, namely for forming of wear resistant slag scull on the lining of the converter.																				
<b>Chemical and Physical properties</b>	<table><thead><tr><th>Indicator</th><th>Content</th></tr></thead><tbody><tr><td>MgO/Mg(OH)<sub>2</sub> %</td><td>58,0/84,1 min.</td></tr><tr><td>SiO<sub>2</sub>, %</td><td>6 max.</td></tr><tr><td>CaO, %</td><td>5 max.</td></tr><tr><td>Fe<sub>2</sub>O<sub>3</sub>, %</td><td>0,5 max.</td></tr><tr><td>S, %</td><td>0,03 max.</td></tr><tr><td>Loss of Ignition (LOI)</td><td>35 max.</td></tr><tr><td>Particle Size distribution, %:</td><td></td></tr><tr><td>&gt; 35 mm</td><td>10,0</td></tr><tr><td>&lt; 10 mm</td><td>10,0</td></tr></tbody></table>	Indicator	Content	MgO/Mg(OH) <sub>2</sub> %	58,0/84,1 min.	SiO <sub>2</sub> , %	6 max.	CaO, %	5 max.	Fe <sub>2</sub> O <sub>3</sub> , %	0,5 max.	S, %	0,03 max.	Loss of Ignition (LOI)	35 max.	Particle Size distribution, %:		> 35 mm	10,0	< 10 mm	10,0
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<b>Storage:</b>	The shelf life is 5 years from date of manufacturing, while maintaining the tightness of packing																				
<b>Packing:</b>	in bulk, big bags																				
<b>Security:</b>	refers to low-hazard substances; fire - and explosion-proof, non-toxic																				
<b>Transportation:</b>	transported by all modes of transport in accordance with the rules of transportation of goods that operates in this mode of transport																				

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M I N I N G C H E M I C A L  
C O M P A N Y