

## CALCINED ALUMINA

<b>COMMON NAME</b>	Calcined Alumina, Alumina.																																						
<b>DESCRIPTION</b>	Sourced from UNIVERSAL Chemical Trading GmbH's Refinery, the coarse, bright product has low impurities and is typically used in ceramics, polishes, refractories and fused minerals.																																						
<b>TYPICAL PROPERTIES</b>	<table border="1"> <thead> <tr> <th>Chemical Analysis (wt %)</th> <th>KA01</th> <th>KA13</th> </tr> </thead> <tbody> <tr> <td><i>Al<sub>2</sub>O<sub>3</sub></i></td> <td>99.3 – 99.8</td> <td>99.6 – 99.7</td> </tr> <tr> <td><i>Na<sub>2</sub>O</i></td> <td>0.39 – 0.49</td> <td>0.18 – 0.24</td> </tr> <tr> <td><i>SiO<sub>2</sub></i></td> <td>0.019 – 0.029</td> <td>0.017 – 0.028</td> </tr> <tr> <td><i>Fe<sub>2</sub>O<sub>3</sub></i></td> <td>0.015 – 0.025</td> <td>0.014 – 0.026</td> </tr> <tr> <td><i>CaO</i></td> <td>0.048 – 0.057</td> <td>0.048 – 0.057</td> </tr> <tr> <td colspan="3"><b>Particle Analysis</b></td> </tr> <tr> <td><i>% on 100 mesh</i></td> <td>&lt;7</td> <td>1 - 5</td> </tr> <tr> <td><i>% on 325 mesh</i></td> <td>88-96</td> <td>89 – 94</td> </tr> <tr> <td colspan="3"><b>Physical Analysis</b></td> </tr> <tr> <td><i>Surface Area (m<sup>2</sup>/g)</i></td> <td></td> <td>14 – 18</td> </tr> <tr> <td><i>Alpha Alumina</i></td> <td></td> <td>69 - 80</td> </tr> </tbody> </table>			Chemical Analysis (wt %)	KA01	KA13	<i>Al<sub>2</sub>O<sub>3</sub></i>	99.3 – 99.8	99.6 – 99.7	<i>Na<sub>2</sub>O</i>	0.39 – 0.49	0.18 – 0.24	<i>SiO<sub>2</sub></i>	0.019 – 0.029	0.017 – 0.028	<i>Fe<sub>2</sub>O<sub>3</sub></i>	0.015 – 0.025	0.014 – 0.026	<i>CaO</i>	0.048 – 0.057	0.048 – 0.057	<b>Particle Analysis</b>			<i>% on 100 mesh</i>	<7	1 - 5	<i>% on 325 mesh</i>	88-96	89 – 94	<b>Physical Analysis</b>			<i>Surface Area (m<sup>2</sup>/g)</i>		14 – 18	<i>Alpha Alumina</i>		69 - 80
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<b>SUPPLY DETAILS</b>	Typically packaged in 1 tonne bulk bags Additional bag sizes may be available on request.																																						
<b>RECOMMENDED STORAGE</b>	<b>Please refer to SDS for detailed storage info.</b>																																						
<b>SAFETY INFORMATION</b>	Please refer to our current SDS ( <a href="https://uctr-gmbh.de">https://uctr-gmbh.de</a> ).																																						

For further information, please contact our Sales team  
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Version: 18.10.19