

HYDRATED ALUMINA

COMMON NAME	Alumina.																																						
DESCRIPTION	The hydrated alumina is sourced from UNIVERSAL Chemical Trading GmbH's Refinery. KB30 is a near white product with low impurities and organics. KC30 has greater presents of organics, resulting in an off-white colour. Typical applications are catalysts, glass manufacturing, flame retardants and polishes.																																						
TYPICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Chemical Analysis (wt %)</th> <th>KB30</th> <th>KC30</th> </tr> </thead> <tbody> <tr> <td><i>Al₂O₃</i></td> <td>64.8 – 65.1</td> <td>64.8 – 65.1</td> </tr> <tr> <td><i>Al(OH)₃</i></td> <td>99.1 – 99.5</td> <td>99.1 – 99.5</td> </tr> <tr> <td><i>Na₂O</i></td> <td>0.20 – 0.32</td> <td>0.26 – 0.31</td> </tr> <tr> <td><i>SiO₂</i></td> <td><0.004</td> <td>0.011 – 0.021</td> </tr> <tr> <td><i>Fe₂O₃</i></td> <td>0.005 – 0.009</td> <td>0.009 – 0.016</td> </tr> <tr> <td><i>CaO</i></td> <td>0.019 – 0.027</td> <td>0.032 – 0.037</td> </tr> <tr> <td><i>Soluble Na₂O</i></td> <td><0.004</td> <td><0.060</td> </tr> <tr> <td colspan="3">Particle Analysis</td> </tr> <tr> <td><i>% on 100 mesh</i></td> <td>1 - 5</td> <td><10</td> </tr> <tr> <td><i>% on 325 mesh</i></td> <td>89–94</td> <td>92–97</td> </tr> <tr> <td><i>Brightness (Z%)</i></td> <td>90-93</td> <td></td> </tr> </tbody> </table>			Chemical Analysis (wt %)	KB30	KC30	<i>Al₂O₃</i>	64.8 – 65.1	64.8 – 65.1	<i>Al(OH)₃</i>	99.1 – 99.5	99.1 – 99.5	<i>Na₂O</i>	0.20 – 0.32	0.26 – 0.31	<i>SiO₂</i>	<0.004	0.011 – 0.021	<i>Fe₂O₃</i>	0.005 – 0.009	0.009 – 0.016	<i>CaO</i>	0.019 – 0.027	0.032 – 0.037	<i>Soluble Na₂O</i>	<0.004	<0.060	Particle Analysis			<i>% on 100 mesh</i>	1 - 5	<10	<i>% on 325 mesh</i>	89–94	92–97	<i>Brightness (Z%)</i>	90-93	
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SUPPLY DETAILS	Typically packaged in 1 tonne bulk bags Additional bag sizes may be available on request																																						
RECOMMENDED STORAGE	Please refer to SDS for detailed storage info.																																						
SAFETY INFORMATION	Please refer to our current SDS (https://uctr-gmbh.de).																																						

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