



Coogee

Product Information Sheet

HYDRATED ALUMINA

COMMON NAME	Alumina.																																				
DESCRIPTION	The hydrated alumina is sourced from Alcoa's Kwinana 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 (www.coogee.com.au).																																				

For further information, please contact our Sales team
enquiry@coogee.com.au or (08) 9439 8200.

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CAPABILITY & COMMITMENT