



Specification
SODA ASH DENSE
CAS: 497-19-8

Critical Parameters	Standard	
Na ₂ CO ₃ , (%)	99.5 Min	
SO ₄ ⁻² , (%)	0.07 Max	
NaCl, (%)	0.1 Max	
Fe, (ppm)	10 Max	
Bulk density, (g/cm ³)	0.95 – 1.15	
Arsenic As (ppm)	3 max	
Lead Pb (ppm)	5 max	
Mercury Hg (ppm)	1 max	
Solubility (g/100ml water)	144.7 at 100°C Max. 49.5 at 35.37 °C Max. 7 at 0°C Max.	
pH (in 1% solution)	11.4	
Other Parameters		
Whiteness (%)	95 min	
Appearance	Free flowing white granual	
Water insolubles, %	0.05 Max	
Na ₂ O, %	58.2 Min	
Particle size distribution		
+600 µm, %	5 Max	
+150 µm, %	88 Min (typical 90%)	
-75 µm, %	5 Max	

Newport Industries Ltd
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Statement : We guarantee the parameters listed above, all other requested additional parameters we cannot guarantee unless expressly stating such in writing and amending the standard specifications above. Test methods may vary, and unless expressly stated the method chosen, end users should make their own judgements on the usability of the material above in their end products or formulations, by requesting samples, trial orders prior to full production.

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