



A WORLD LEADER IN INDUSTRIAL CERAMIC PRODUCTS

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## WHITE FUSED ALUMINA LUMPS

White fused alumina lumps are low in silica and iron oxides, and can be used as catalyst bed supports and/or toppings in many types of synthesis gas reformers: pre-reformers, autothermal reformers, and secondary reformers.

TYPICAL CHEMICAL ANALYSIS (wt. %)	
Alumina, Al <sub>2</sub> O <sub>3</sub>	>99.5%
Silica, SiO <sub>2</sub>	< 0.04
Calcia, CaO	0.10
Ferric Oxide, Fe <sub>2</sub> O <sub>3</sub>	< 0.05
Alkalies, K <sub>2</sub> O + Na <sub>2</sub> O	0.30
Magnesia, MgO	0.10

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.77
Loose Fill Density, lbs/ft. <sup>3</sup> (kg/m <sup>3</sup> )	90-100 (1,500-1,600)
Apparent Porosity	7.8%
Melting Point, ° F (° C)	3704 (2040)
Typical Sizes, in. (mm) (Call for Other Sizes)	1" x 2" (25-50) 2" x 4" (50-100) 4" x 8" (100-200)

The above data are based on controlled testing. Individual test results may vary; therefore these data may not be used for specification purposes. **NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, ARE MADE REGARDING THE DATA OR PRODUCTS SHOWN ABOVE.**

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