

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 ₂ O ₃	99.5%
Silica, SiO ₂	< 0.10
Calcium, CaO	< 0.05
Ferric Oxide, Fe ₂ O ₃	< 0.05
Alkalies, K ₂ O + Na ₂ O	< 0.05
Magnesia, MgO	< 0.10

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.77
Loose Fill Density, lbs/ft. ³ (kg/m ³)	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" (200-200)