

**Pure Alumina Balls(99% Alumina)**

SiO ₂	≤0.2%	MgO+CaO	≤0.2%
Al ₂ O ₃	≥99%	Na ₂ O+K ₂ O	≤0.4%
Fe ₂ O ₃	≤0.12%		

E- Modulus	GPa	300
Mohs Hardness		9
Specific heat, 30-100°C	J/kg K	850-1050
Thermal conductivity, 30-100°C	W/Mk	19-30
Coefficient of thermal expansion, 30-600°C	10 ⁻⁶ K ⁻¹	7-9
Heat resistance	Up to c. °C	1650

Size	Bulk density T/m ³	Water absorption %	Crush strength(Particle/N)
6mm (1/4')	2.0	2-4	>2500
13 mm(1/2')	2.0	2-4	>5000
19 mm(3/4')	2.0	2-4	>7000
25mm (1')	2.0	2-4	>9000
50 mm(2')	2.0	2-4	>15000