



CHEMSHUN CERAMICS-- Grinding Media Series

◆ Technical data of grinding alumina balls specially for cement mill

1. Chemical data.

Properties	Unit	CHEMSHUN 92	CHEMSHUN 95
Al ₂ O ₃	%	>92	>95
SiO ₂	%	<5	<4
CaO+MgO	%	<2	<2
Density	g/cm ³	>3.60	>3.70
Bulk weight	kg/cm ³	2200	2300
Moh's hardness	Grade	9	9
Rockwell hardness	HRA	83-85	85-87
Water absorption	%	0	0

2. Molding by cold isostatic pressing :

Diameter (mm)	Φ80	Φ70	Φ60	Φ50	Φ40	Φ30	Φ25
Range	80±3	70±3	63±2	52±2	40±2	32±1.5	26±1.5

3. Molding by Rolling

Diameter (mm)	Φ20	Φ17	Φ15	Φ13
Range	20 ± 1	17±1	15±1	13±1

