

High Density Alumina - Grinding Media

Property	Units	M Alumina	K Alumina	M7 Alumina
Description				
Nominal Composition		α -Al ₂ O ₃ (94%)	α -Al ₂ O ₃ (93%)	α -Al ₂ O ₃ (93.0%)
Standard Size	[mm Ø]	0.5 ~ 40	0.5 ~ 50	0.3 ~ 15
Usage		Exclusive use for wet grinding	Standard	Improvement of <M> type
Microstructure				
Density	[g/cm ³]	3.62	3.59	3.62
Porosity	[vol%]	0	0	0
Colour		White	White	White
Mechanical Properties				
HV Hardness		1,250 ~ 1,300	1,200	1,300
Crushing Load	[Kgf/pcs.]	1000	900	1050
Wear rate (wet method)	[%]	0.22	0.27	0.19

Note: The above data represent typical values of Rojan sintered Alumina.