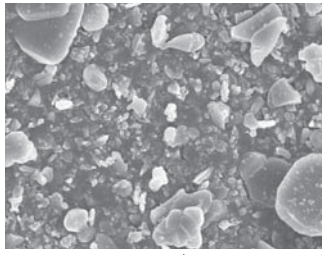
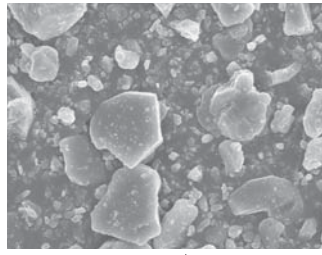


# Milled Alumina SA40 Series/SMM Series

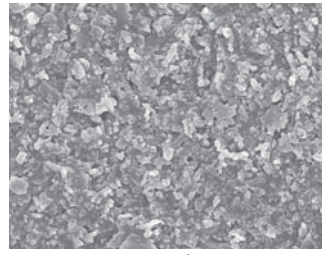
SA40 series and SMM are products with controlled particle size distribution and soda content to suit desired slurry and sintering characteristics.



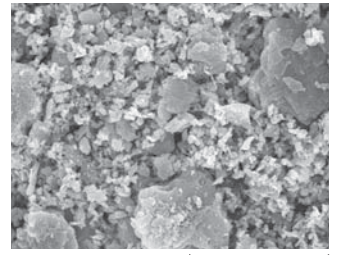
SA41A



SA43A



SMM-22



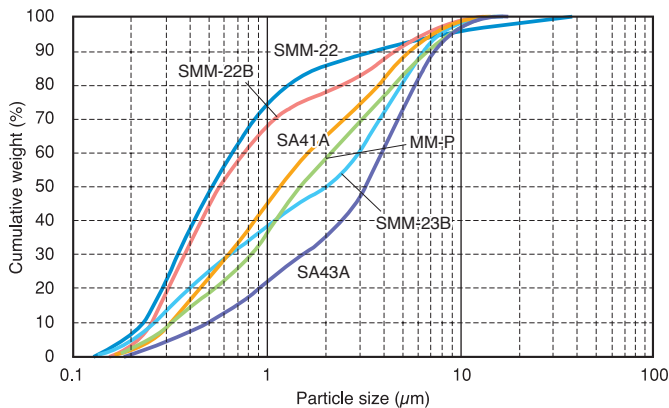
MM-P

## Typical Properties

Grade	SA41A	SA43A	SMM-22	SMM-22B	SMM-23B	SMM-24B	MM-P
LOI (%)	0.05	0.04	0.08	0.07	0.06	0.06	0.10
Na <sub>2</sub> O (%)	0.37	0.37	0.38	0.26	0.28	0.30	0.30
SiO <sub>2</sub> (%)	0.03	0.03	0.03	0.03	0.03	0.03	0.02
Fe <sub>2</sub> O <sub>3</sub> (%)	0.02	0.02	0.03	0.03	0.04	0.03	0.02
Al <sub>2</sub> O <sub>3</sub> (%)	99.6	99.6	99.6	99.6	99.6	99.6	99.7
Ave. Particle Size (µm)	1.2	3.2	0.5	0.6	2.0	1.9	1.5
BET Specific Surface Area (m <sup>2</sup> /g)	3.7	2.5	7.1	5.3	3.8	3.6	10
Water Absorption (ml/100g)	17	18	24	21	15	16	27
pH	10	10	10	10	11	11	10
Bulk Density (Pressed) (g/cm <sup>3</sup> )*	2.45	2.48	2.04	2.18	2.52	2.49	1.72

\*Pressed at 98.07MPa(1000kgf/cm<sup>2</sup>)

## Particle Size Distribution



## Applications

- (1) High alumina brick, Refractory binder
- (2) Castables
- (3) Abrasives, Polisher

## Packing

- Flexible container bag (500kg and 1000kg)  
Paper bag (15kg/20kg/25kg)