

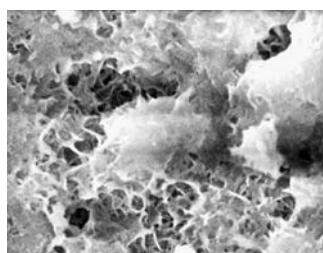
Transition Alumina

Pseudo-boehmite C10W, γ (gamma)-alumina C20 and θ (theta)-alumina C40 having very high surface areas and controlled pore structure are used as catalyst carriers and adsorbents. θ (theta)-alumina C40 and α -alumina C50

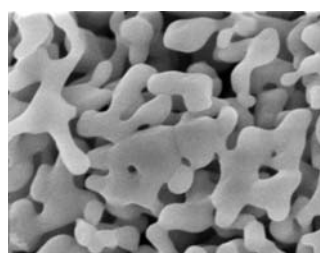
having sharp particle size distributions are mainly used for abrasives and fillers. Milled products are also available upon request.



C10W



C20



C50

Typical Properties

Grade	C10W	C20	C40	C50	C500
H ₂ O+LOI(%)	61	7	2	1	1
Na ₂ O(%)	0.02	0.02	0.02	0.02	0.02
SiO ₂ (%)	0.03	0.04	0.04	0.04	0.04
Fe ₂ O ₃ (%)	0.02	0.02	0.02	0.02	0.02
Ave. Particle Size (μ m)	15~25	15~25	15~25	15~25	1~4
BET Specific Surface Area (m ² /g)	270	180~230	105	7.0	5~40
Ave. Pore Size (nm)	—	8.5	18	13	—
Pore Capacity (cm ³ /g)	—	0.7	0.6	0.02	—
Crystal Phase	Pseudo-boehmite	γ -alumina	θ -alumina	α -alumina	α -alumina

* Milled products are available for each grade

Applications

- (1) Catalyst carriers for automobile
- (2) Refining/Petrochemical catalyst
- (3) Chemical catalyst
- (4) Polisher
- (5) Adsorbent

Packing

Flexible container bag
Paper bag
Pail