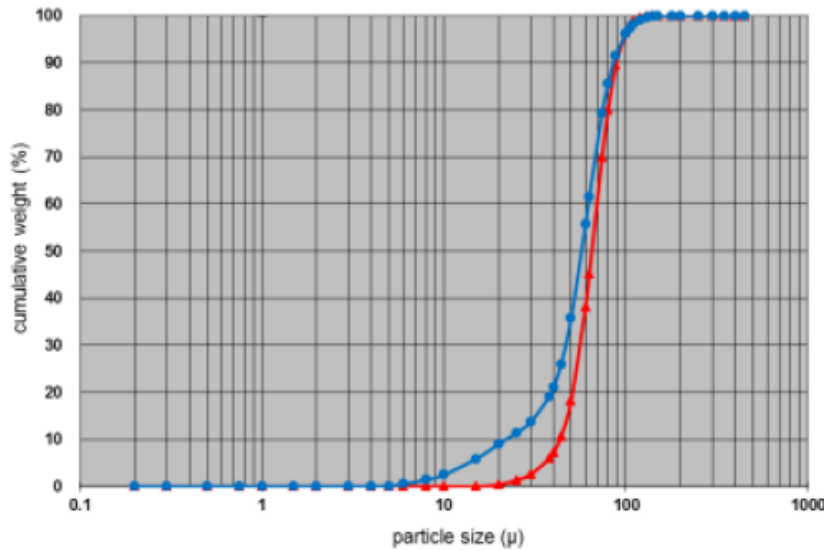


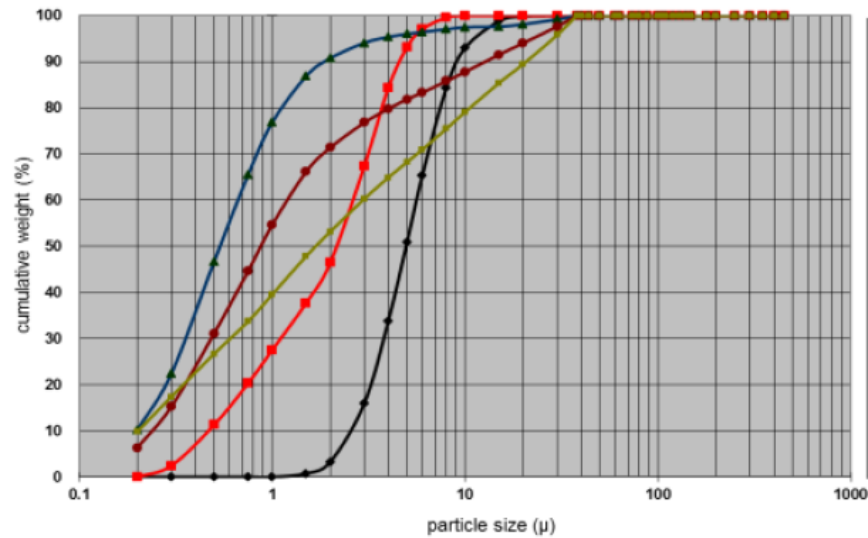
ALUMINIUM HYDROXIDE STANDARD AND COASER PARTICLE

Properties	Grades	Wet Type	Dry Type
		PHA	PHD
Chemical composition	Moisture(%)	10	0.03
	Al(OH) ₃ (%)	99.9	99.9
	Fe ₂ O ₃ (%)	0.01	0.01
	SiO ₂ (%)	0.00	0.00
	Na ₂ O(%)	0.13	0.13
Mean Particle size(um)		61	59
Bulk Density(g/cm ³)	Loosed	0.5	1
	Tapped	1.4	1.6
Whiteness		89	92



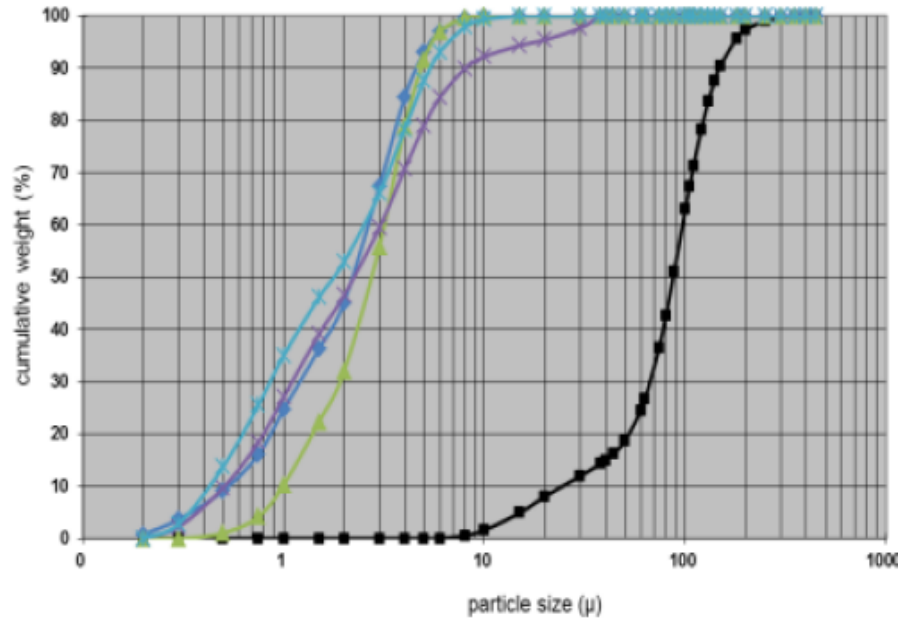
CALCINED ALUMINA FINE PARTICLE AND EXTRA FINE PARTICLE

Properties	Grades	Fine Particle		Extra-fine-particle		
		PCA49	PCA23	PCA06	PCA09	PCA18
Chemical composition	LOI(%)	0.17	0.28	0.43	0.31	0.66
	Fe ₂ O ₃ (%)	0.02	0.02	0.02	0.02	0.02
	SiO ₂ (%)	0.02	0.01	0.02	0.01	0.01
	Na ₂ O(%)	0.21	0.22	0.13	0.20	0.21
	Al ₂ O ₃ (%)	99.6	99.5	99.4	99.5	99.1
Specific gravity		3.95	3.93	3.94	3.94	3.92
Mean Particle size(um)		4.9	2.3	0.6	0.9	1.8
Bulk Density(g/cm ³)	Loosed	0.8	1.0	0.9	0.6	0.8
	Tapped	1.5	1.8	1.5	1.3	1.4
BET specific surface area(m ² /g)		1.3	3.1	5.8	5.7	10.9



CALCINED ALUMINA –LOW SODA

Properties						
		PCA84	PCA52	PCA50	PCA21	PCA48
Chemical composition	LOI(%)	0.03	0.02	0.02	0.15	0.08
	Fe ₂ O ₃ (%)	0.03	0.02	0.02	0.02	0.03
	SiO ₂ (%)	0.02	0.01	0.01	0.01	0.03
	Na ₂ O(%)	0.06	0.06	0.06	0.02	0.05
	Al ₂ O ₃ (%)	99.9	99.9	99.9	99.8	99.8
Specific gravity		3.97	3.96	3.96	3.95	3.93
Mean Particle size(um)		84.6	52.9	50.8	2.1	4.8
Bulk Density(g/cm ³)	Loosed	0.78	0.75	0.75	0.73	0.84
	Tapped	1.41	1.38	1.38	1.56	1.63
BET specific surface area(m ² /g)		0.5	1.6	1.0	3.0	1.5



REACTIVE ALUMINA

Properties	Grades	Low Soda Type			Normal soda Type	
		PRA049	PRA052	PRA18	PRA10	PRA29
Chemical composition	LOI(%)	0.37	0.19	0.22	0.19	0.24
	Fe ₂ O ₃ (%)	0.02	0.02	0.02	0.02	0.02
	SiO ₂ (%)	0.02	0.01	0.02	0.02	0.02
	Na ₂ O(%)	0.06	0.06	0.05	0.20	0.12
	Al ₂ O ₃ (%)	99.5	99.7	99.7	99.6	99.6
Specific gravity		3.93	3.94	3.94	3.93	3.94
Mean Particle size(um)		0.49	0.52	1.8	1.0	2.9
Bulk Density(g/cm ³)	Loosed	1.05	0.80	0.95	1.08	0.86
	Tapped	1.65	1.19	1.70	1.86	1.70
	Pressed	2.29	2.32	2.59	2.54	2.57
BET specific surface area(m ² /g)		6.9	7.0	3.1	7.5	2.9

