

GRADE		Alkaline			Neutral		
		S1	S2	UFL2	US2		
Appearance		White granule		White granule	White powder		White granule
Degree of whiteness (%)		> 95		> 95	> 95		> 95
Loss on drying (%) 110° C, 7 hours		13 - 20		< 5	< 7		< 7
Bulk density	Loose (g/ml)	0.30 - 0.37		0.29 - 0.37	0.06 - 0.11		0.13 - 0.18
	Tapped (g/ml)	0.36 - 0.43	0.34 - 0.42		0.10 - 0.17		0.16 - 0.22
True specific gravity		2.0		2.2	2.2		2.2
Specific surface area (m <sup>2</sup> /g)*1		110		110	300		300
Average particle size (μm)		112		115	3.1		106
Angle of repose (°)		30		30	45		30
Oil adsorbing capacity (ml/g)*2		1.3		1.4	2.7 - 3.4		2.7 - 3.4
Water adsorbing capacity (ml/g)		1.0		1.2	2.4 - 3.1		2.4 - 3.1
Acid consuming capacity (ml/g)*3		≥210		≥210	≥210		≥210
pH (4% slurry)*4		8.5 - 10.0		8.5 - 10.0	6.0 - 8.0		6.0 - 8.0

\*1) BET surface area, nitrogen adsorption method

\*2) Japanese Industrial Standard pigment test method (JIS K5101)

\*3) Amount of 0.1N hydrochloric acid neutralized by 1g dried product (110° C. 7 hours)

\*4) Weigh 2 g of sample, add water to make 50 ml. After stirring, allow to stand for 2 minutes, Measure pH using pH meter