

- ▶ **Heavy calcium carbonate**

test item		Brand											
		for general purpose						for special use					
								fine powder		ultra-fine. powder			high brightness
		FP-300	KS-500	KS-800	KS-1000	KS-1200	KS-1300	Kristone-SS	Kristone-SSS	ACE-25	ACE-30	ACE-35	KS-1200 RS
specific surface area	cm ² /g	2,500	5,000	8,000	10,500	11,500	12,500	15,000	17,500	20,000	25,000	30,000	10,500
average particle diameter D ₅₀	μm	8.9	4.4	2.8	2.1	1.9	1.8	1.5	1.3	1.1	0.9	0.7	2.1
cumulative distribution (%)	30μm	60	78	90	100	100	100	100	100	100	100	100	100
	20μm	27	56	77	96	99	100	100	100	100	100	100	98
	10μm	6	31	57	79	85	92	98	99	100	100	100	79
	5μm	4	21	40	56	59	67	77	84	89	97	99	55
	2μm	-	13	22	29	31	34	39	48	53	66	77	30
	1μm	-	6	10	12	13	14	16	21	24	31	38	13
average particle diameter DP ₅₀	μm	26.7	17.7	7.8	4.2	3.8	3.2	2.6	2.1	1.9	1.5	1.2	4.2
brightness(%)	blue filter	more than 93	more than 93	more than 93	more than 94	more than 94	more than 94	more than 94	more than 94	more than 94	more than 94	more than 94	more than 96
apparent density	g/ml	0.87	0.70	0.53	0.43	0.42	0.40	0.37	0.36	0.33	0.30	0.28	0.43
oil absorption	ml/100g	12	16	18	22	22	22	26	27	30	32	35	22
DOP Diethyl phthalate absorption	ml/100g	13	18	20	24	24	24	28	29	31	34	37	24
used for		paper・paint・rubber・synthetic resin・adhesive・road white line・tooth paste・feed・agricultural chemicals・fertilizer・neutralizer											