

## (IV) Consumption of Major Materials Used for Ceramics Production

(Units) Quantity: ton Amount: Million yen Unit Price: yen/kg

Material	Items	1984	1985	1986	1987	1990
Al <sub>2</sub> O <sub>3</sub>	Q'ty	3 1800	3 2600	4 0600	4 2500	6 0000
	Unit Price	250	220	200	200	180
	Amount	7950	7160	8120	8500	10800
SiC	Q'ty	50	70	110	120	200
	Unit Price	5200	5100	4900	4800	4500
	Amount	260	360	540	570	900
BaTiO <sub>3</sub>	Q'ty	95	90	115	120	170
	Unit Price	4000	3400	3300	3200	3000
	Amount	380	310	380	380	510
ZrO	Q'ty	290	350	440	450	650
	Unit Price	3500	3200	3000	2800	2500
	Amount	1020	1130	1310	1260	1620
ZnO	Q'ty	1450	1600	1750	1800	2600
	Unit Price	450	420	400	400	380
	Amount	660	670	700	720	990
MgO	Q'ty	650	700	800	850	1200
	Unit Price	700	650	600	550	500
	Amount	460	460	480	470	600
TiO <sub>2</sub>	Q'ty	2100	2200	2700	2800	4000
	Unit Price	450	400	400	400	400
	Amount	940	890	1090	1120	1600
Fe <sub>2</sub> O <sub>3</sub>	Q'ty	8450	8500	11400	12000	17000
	Unit Price	200	200	200	200	200
	Amount	1690	1700	2280	2400	3400
h-BN	Q'ty	19	26 <sup>s</sup>	30	32	45
	Unit Price	20000	20000	20000	19000	18000
	Amount	380	530	600	650	800
c-BN (Carat)	Q'ty	480	480	480	500	700
	Unit Price	600	580	560	540	500
	Amount	290	280	270	270	350
(Synthetic diamond)C (Carat)	Q'ty	※	2	5	10	100
	Unit Price	※	300	200	200	150
	Amount	※	※	1	2	15

Note for C-BN and C: Volume: 1,000 carat, Unit price: yen/carat