

Asahi caster for pumping

September, 2010

Product		CA-13SP	CA-13P
Max service temperature(°C)		1450	1400
Installation requirement(t/m ³)		2.00	1.95
Water additions(wt%)		14~16	16~18
Chemical composition (%)	SiO ₂	42	55
	Al ₂ O ₃	48	35
Bulk density	110°C × 24hrs.	2.10	2.05
	()Temp.x 3hrs.	2.00 (1200)	1.95 (1200)
Cold crushing strength (MPa) Bending strength (MPa)	110°C × 24hrs.	40 (7)	18 (4)
	900°C × 3hrs.	25 (4)	14 (3)
	1200°C × 3hrs.	25 (4)	18 (3)
Permanent linear change (%)	()Temp.x 3hrs.	-0.2 (1200)	0.3 (1200)
Thermal expansion(%)	at 1000°C	0.2	0.2
Thermal conductivity (W/mK)	at 500°C	1.2	1.0
	at 1000°C	1.3	1.1
Standard package quantity(kg)		25	25
Features		General purpose	High strength
Typical applications		Incinerator	Incinerator

※The data shown here is a representative value, and no hallmark value.