



GLOBAL MONARCH - F.Z.C

REFRACTORY CEMENT

ORIGIN: P.R CHINA

(ALUMINATE CEMENT)

CA-50-G5 (A-500)

Items		Unit	Index
			CA-50-G5
Chemical composition	Al ₂ O ₃	%	50.00 min
	CaO	%	33.00 min
	SiO ₂	%	9.00 max
	Fe ₂ O ₃	%	3.00 max
	TiO ₂	%	3.00 max
Specific Surface Area		cm ² /g	3000 min
Beginning Set		min	30 min
Ending Set		hour	6 max
Bending Strength	1 day	Mpa	5.50 min
	3 day	Mpa	6.50 min
Compressive Strength	1 day	Mpa	40.00 min
	3 day	Mpa	50.00 min



GLOBAL MONARCH - F.Z.C

REFRACTORY CEMENT

ORIGIN: P.R CHINA

(ALUMINATE CEMENT)

CA-50-G6/G7/G9

Items		Unit	Index		
			CA-50-G6	CA-50-G7	CA-50-G9
Chemical composition	Al ₂ O ₃	%	50.00 min	50.00 min	51.00 min
	CaO	%	33.00 min	33.00 min	33.00 min
	SiO ₂	%	9.00 max	9.00 max	8.00 max
	Fe ₂ O ₃	%	3.00 max	3.00 max	3.00 max
	TiO ₂	%	3.00 max	3.00 max	3.00 max
Specific Surface Area		cm ² /g	3000 min	3000 min	4000 min
Beginning Set		min	30 min	30 min	90 min
Ending Set		hour	6 max	6 max	6 max
Bending Strength	1 day	Mpa	6.00 min	7.00 min	8.50 min
	3 day	Mpa	7.00 min	8.00 min	10.00 min
Compressive Strength	1 day	Mpa	45.00 min	50.00 min	70.00 min
	3 day	Mpa	55.00 min	60.00 min	80.00 min
Refractories		°C	1350 min	1350 min	1400 min



GLOBAL MONARCH - F.Z.C

REFRACTORY CEMENT

ORIGIN: P.R CHINA

(HIGH ALUMINA CEMENT)

CA-70 / CA-80

Items		Unit	Index	
			CA-70	CA-80
Chemical composition	Al ₂ O ₃	%	68.0 min	78.0 min
	CaO	%	30.0 max	20.0 max
	SiO ₂	%	1.0 max	0.5 max
	Fe ₂ O ₃	%	0.7 max	0.5 max
Specific Surface Area		cm ² /g	4000 min	6500 min
Beginning Set		min	30 min	30 min
Ending Set		h	8 max	6 max
Bending Strength	1 day	Mpa	7.0 min	4.0 min
	3 days	Mpa	9.0 min	5.0 min
Compressive Strength	1 day	Mpa	50.0 min	25.0 min
	3 days	Mpa	60.0 min	30.0 min