QUALITY CONTROL
PRODUCTS ANALYSIS

● : routine analysis
❍: occasional analysis

		Quantitative chemical anal. XRF (8 el. + LOI)	Dry granulometry from 45 to 850 µm	Laser granulometry from 0,2 to 300 µm	Mineralogical anal. XRD	C.E.C. cationic exchange capacity	Colorimetry and Glossmetry industrial kiln	Colorimetry and Glossmetry gradient kiln	Specific conductivity	pH	Magnetic substances concentration (ppm)	Deflocculation diagram (Gallenkamp)	Casagrande plasticity	Pfefferkorn Plasticity	Suspending capacity	Specific surface (a*/B.e.t.)	Moisture (110°C)	L.O.I. (110-1100°C)
Silk screen additive	MINA 55	●		●	❍			❍	●	●	●		❍	❍				●
Aluminium hydroxide	S 3			●	❍		❍	❍			●							●
Aluminium oxide	CT 10 SG			●			❍	❍			●					●		
	CT 3000 SG			●			❍	❍			●					●		
	CT 800 SG			●			❍	❍			●					●		
	GILOX 125			❍			❍	❍			●					●		
	HVA FG			●			❍	❍			●					●		
	PG FEINST			●			❍	❍			●					●		
	SC0			❍			❍	❍			●					●		
	SC13			❍			❍	❍			●					●		
	SCT			❍			❍	❍			●					●		
	TAB -325 LI			●			❍	❍			●					●		
Kaolinitic clay	W 204	●	❍		❍			❍	●	●	●		❍	❍			●	●
Kaolinitic-illite clay	AR 35	●	❍		❍			❍	●	●	●		❍	❍			●	●
	AR 40	●	❍		❍			❍	●	●	●		❍	❍			●	●
	AR 42	●	❍		❍			❍	●	●	●		❍	❍			●	●
	M 154-03	●	❍		❍			❍	●	●	●		❍	❍			●	●
	M 5	●	❍		❍			❍	●	●	●		❍	❍			●	●
Bentonite	W 6	●		●	❍	●		❍	●	●	●				●			●
Calcium aluminate	CA 14		●	●	❍						●							
Kaolin	B	●			❍			❍	●	●	●	❍		❍			●	●
	K. ER	●			❍			❍	●	●	●	❍		❍			●	●
	SRN C GRADE	●			❍			❍	●	●	●	❍		❍			●	●
	SRN F GRADE	●			❍			❍	●	●	●	❍		❍			●	●
Natural compound	GRB	●			❍			❍	●	●	●						●	●
	Q 92	●	●		❍						●						●	●
Corundum	F 325			●			❍	❍			●							
Dunite	AFS 325		●		❍						●							
	AFS 80		●		❍						●							
Feldspar	B 60	●		●	❍			❍			●							●
	FKD	●		●	❍			❍			●							●
Magnesium aluminate	AR 78			●							●							
	AR 90			●							●							
	MR 66			●							●							
Mullite	AS 005	●	●		❍						●							
Quartz	CS 2 M	❍		●							●							
	CS 6 M	❍		●							●							
	CS 9 M	❍		●							●							
	S0	❍		●							●							
	S1	❍		●							●							
Zirconium aluminate	AZ 052 SD	●	●		❍			●			●							
	Z 30	●	●		❍			●			●							
Zirconium mullite	ASZ 005 SD	●	●		❍			●			●							
Zirconium oxide	CC 02	●		●	❍			●			●							
	CC 05	●		●	❍			●			●							
	CC 10	●		●	❍			●			●							
	CC 15	●		●	❍			●			●							
	MGZ	●		●	❍			●			●							
Spheric zirconium silicate	ZIRDURO B 205		●								●							