

Raw Material Specification

FM 97.5 (Ca/Si>2)

External Appearance

Color	n.s.	Smell	neutral
Grain shape	n.s.	Drying loss	Max. 0.5% (Target 0.2%)

Miscellaneous	Free of impurities (other materials. Foil, paper, wood, plastic). Packaging undamaged and protected against moisture ingress., new disposable bags, packing size adapted to pallet dimensions.
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Grain size properties (wt.%)			
Item	Target	Min	Max
> 50 mm	0		
< 1 mm			10

Chemical Analysis (wt.%)			
Bulk			
Item	Target	Min	Max
Al ₂ O ₃			0.2
SiO ₂			0.65
Fe ₂ O ₃			0.7
CaO			1.3
MgO		97.3	
C/S ratio		1.9	
LOI (1025°C)			0.3

Physical Properties			
	Target	Min	Max
Bulk weight	n.s.		
Bulk density		3,47 g/cm ³	
Apparent porosity	n.s.		
pH-value	n.s.		

Incoming Inspection at Refratechnik

Sampling	QM operating procedure	Tests	All listed parameters, supplier's quality certificate against guaranteed values
Sampling plan, single samples	1 (1-2 pallets) 2 (3-10 pallets) 3 (11-20 pallets) 4 (> 20 pallets)		

Inspection by Refratechnik before dispatch

Sampling	QM operating procedure	Tests	Visual check, chemical analysis, bulk density, grain size
Sampling plan	10% of total p.o., min. 5 bags		