CAMEX
INDUSTRIAL SERVICES & SOLUTIONS

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Certificate of Analysis

Chemical Composition

(test method XRF)

value	SIO2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O
average	**56,88**	**1,07**	**35,50**	**2,00**	**0,08**	**0,40**	**1,14**	**0,40**
maximum	58,0	1,5	38,0	3,0	0,1	0,5	1,5	0,5

value	K2O	P2O5	BAO	SO3	V2O5	CR2O3	NIO	LOI
average	**0,58**	**0,49**	**0,19**	**0,10**	**0,02**	**0,03**	**0,02**	**1,10**
maximum	1,0	0,5	0,3	0,2	0,05	0,05	0,02	1,5

Control parameters	Measurement unit	Usual range
Bulk density	g/cm3	0,350 – 0,420
Specific gravity / Particle density	g/cm3	0,80 – 0,82
Floating rate	%	> 95
Sinkers	%	< 5
Melting point	°C	1320 – 1450
Moisture content	%	< 0,5
Colour		light grey, grey
Thermal Conductivity	W/mK	0,1 – 0,2
Compres. Strength	psi	2500 – 5000
Hardness	un.	Moh's scale 5 – 7
Oil Absorbtion	g oil/100g	16 – 18
Wall Thickness	%/Sph. Dtr	8 – 10
PH in water	un.	6...7

Sieve Method

granulometry	average, %	maximum, up to %
+400 mu	5,0	10,0
+250 mu	15,0	20,0
+200 mu	10,0	15,0
+160 mu	25,0	30,0
+100 mu	30,0	40,0
–100 mu	15,0	15,0

Packing: Bulk Big Bags of 450...650 kg with plastic liner, top valve / bottom valve (as required), number seal, additional layer of packaging with UV protection (as required), installation of 2 as big bag per pallet (as required).