



FEATURES AND BENEFITS

CASIFLUX® G is produced from carefully selected wollastonite, a naturally occurring calcium silicate mineral. The standardised quality of CASIFLUX® G is guaranteed by means of an ISO 9001 certified quality management plan. The chemical composition of raw material and product is closely monitored and particle size kept within a narrow range.

The fine-grained CASIFLUX® G wollastonites are specially developed for applications demanding increased abrasive and heat resistance. The alkaline nature of wollastonite make it an ideal auxiliary filler in industrial coatings and primers for improved corrosion resistance by anodic and alkaline oxidative passivation. Wollastonite acts also as a pH buffer for improved in-can paint stability over long periods of time and prevents in-can and nail-head corrosion.

PARTICLE SIZE ANALYSIS AND PHYSICAL PROPERTIES

Mean values. These do not represent a specification.

		G 20	G 38	Method
D ₅₀	µm	12	17	Laser diffraction: Sympatec
D ₉₇	µm	58	80	
Oil absorption	g/100g	30	28	ISO 787/5
Colour (D;10°)	L*	96	96	Photospectrometer (Minolta)
	a*	0.01	0	
	b*	1	1.1	
Moisture	%	0.2	0.2	Halogen moisture analyser, 105 °C
pH		10	10	ISO 787/9
Density,	g/cm ³	2.9	2.9	He-pyknometer
Bulk density	g/cm ³	1.1	1.25	ISO 787/11
Hardness		5	5	Mohs' scale
Refractive Index		1.63	1.63	



CHEMICAL ANALYSIS

Mean values. These do not represent a specification.

	Weight %	Method
CaO	45	XRF
SiO ₂	51.5	XRF
MgO	1.2	XRF
Al ₂ O ₃	0.4	XRF
Fe ₂ O ₃	0.25	XRF
L.o.i.	1.5	1 hour @ 1000° C

PRODUCT AVAILABILITY

The product is available in Paper Bags (25 kg), Big Bags and Bulk.

Please feel free to contact us for further information.

Worldwide

Tel: 023 – 542 44 16

www.keramikos.nl

Keramikos
Oudeweg 153
2031 CC Haarlem
The Netherlands

September 2017

