

Silica Fume – SF98

Typical Chemical Analysis (by XRF)

Compound	Typical	Guaranteed
SiO ₂ (%)	91 - 94	> 88.0
ZrO ₂ + HfO ₂ (%)	4 - 7	-
SiO ₂ + ZrO ₂ + HfO ₂ (%)	96 - 98	> 96.0
Fe ₂ O ₃ (%)	0.02 – 0.06	-
Al ₂ O ₃ (%)	0.2 – 0.5	-
P ₂ O ₅ (%)	0.2 – 0.4	-
TiO ₂ (%)	0.01 – 0.06	-
CaO (%)	0.01 – 0.03	-
Na ₂ O (%)	0.01 – 0.02	-
K ₂ O (%)	0.01 – 0.02	-

Physical Properties

	Typical	Guaranteed
Residue (+45 µm)	0.1 – 0.2%	<1.0%
Moisture	0.5%	-
Loss on Ignition	1.0	-
pH	2 - 3.5	-
Surface Area	18 m ² /g	-
Bulk Density	2.0-3.0 g/cm ³	-

Particle Size Distribution (Horiba)

Size	Typical	Guaranteed
D ₁₀ (µm)	0.3	-
D ₅₀ (µm)	0.5	-
D ₉₀ (µm)	0.8	-

Other Information

See www.doral.com.au for Material safety data sheet
 EINECS NO. 273-761-1
 CAS NO. 69012-648-2

Packing

Standard packing is in 325kg bulk bags or 20kg multi-wall paper bags in pallets of 480kg.

Contact Details

To obtain further information about our products, please send an email to doral@doral.com.au

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