



Brown Fused Alumina FeSi – NK-F

Brown Fused Alumina FeSi is a by-product of normal alumina production. It consists of one mineral and one metallic part. Brown fused alumina FeSi is an alternative to iron-free mineral blasting media in the surface preparation of steel.

Applications

- Reusable abrasive
- Rust removal, paint-stripping
- Roughening
- Wear-resistant

Blasting systems

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	9 mohs
Grain shape	angular
Melting point	approx. 1500 °C
Specific gravity	approx. 5,5 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 2,2–3,0 g/cm ³

Typical chemical analysis

Al ₂ O ₃	39,00 %
TiO ₂	0,90 %
Fe ₂ O ₃	0,30 %
SiO ₂	0,30 %
Fe	46,00 %
Si	7,20 %
Ti	3,00 %

Packaging

25 kg bags on pallet up to 1 ton
1 ton loose in big bag

Available sizes

Metric	Average grain size (mm)
	0,12 – 0,25
	0,25 – 0,50
	0,50 – 1,00
	0,50 – 1,50
	1,00 – 1,50
	1,00 – 2,00

Other grain sizes can be produced if required.



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