

OK-GRIT

Iron silicate abrasive

Features & Benefits

Nakkila, Fin

OK grit is a granulated iron silicate. It is an iron silicate blast cleaning abrasive made with nickelslag from the Boliden Harjavalta nickel smelter in Finland where it is pre-screened. At Nakkila plant of Caesar Abrasives Finland the raw material is dried, screened into different grain sizes and the dust is removed. OK-Grit is suitable for a wide range of blasting applications and also as a high-quality granule for the roofing industry. The material is produced in accordance with ISO 11126-5 and 11127.

It is used as blast cleaning abrasive for all applications fields in conventional corrosion protection on almost all surfaces. Suitable for SA-3, SA-2½, SA-2 and SA-1.

Very suitable for use as roofing granules, as it weather resistant and has uniform colour and grain size.

Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Shape	: angular
Color	: black
Hardness	: 6-7 Mohs
Specific density	: 3,6 kg/dm ³
Loose bulk density	: 1.85 kg/dm ³
Conductivity	: less than 25 mS/m
Water-soluble chlorides	: less than 0,0025% (m/m)

OK-45	0,1 - 0,6 mm
OK-55	0,1 - 1,2 mm
OK-70	0,2 - 1,6 mm
OK-85	0,1 - 2,5 mm
OK-95	0,3 - 2,5 mm
OK-100	0,8 - 2,5 mm

Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

(Mg, Fe) ₂ SiO ₄	: 62	-	76	% in bound form, <0,1% free silica
(Fe, Al, Ca)SiO ₃	: 20	-	35	%
Fe ₂ O ₄	: 1	-	2	%
Other	: traces only			

Availability

OK-Grit is produced in Nakkila, Finland.

Packing

- Bags of 30 kg, on shrinkfoiled export pallets of 1440 kgs.
- Strong woven polypropylene big bags of 1200 kgs, with 2 lifting loops.
- Other packing options on request.

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ISO

OK-Grit is produced according to product standards ISO 11126-5 and 11127.

For product information and customer service

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WARNING - Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

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