

### BROWN FUSED ALUMINIUM OXIDE ELK NK

#### Features & Benefits

Aluminium Oxide ELK / NK is an electro-fused aluminium oxide with very hard and tough grains. Brown Fused Aluminium Oxide can be used for compressed air blast cleaning in blast rooms, cabinets etc. Excellent for recycling.

#### Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Shape	: angular
Colour	: brown / grey
Hardness	: 9 Mohs
Specific density	: 3.9 – 4.1 kg/dm <sup>3</sup>
Loose bulk density	: 1.45 – 2.10 kg/dm <sup>3</sup>
Conductivity	: less than 100 µS/cm
Water-soluble chlorides	: less than 0,001% (m/m)

F12	1410	-	2000	micron	F60	210	-	297	micron
F14	1190	-	1680		F70	170	-	250	
F16	1000	-	1410		F80	149	-	210	
F20	841	-	1190		F90	125	-	177	
F24	595	-	841		F100	105	-	149	
F30	500	-	707		F120	88	-	125	
F36	420	-	595		F150	63	-	105	
F40	355	-	500		F180	53	-	88	
F46	297	-	420		F220	44	-	74	
F54	250	-	354						

#### Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

Al <sub>2</sub> O <sub>3</sub>	: 95.00 - 96.50 %
Ti <sub>2</sub> O	: 1.50 - 3.20 %
SiO <sub>2</sub>	: 0.90 - 1.70 % in bound form, <0,1% free silica
Fe <sub>2</sub> O <sub>3</sub>	: <0.25 %
Other	: traces only

#### Quality

Production according to ISO standard 11126-7 and 11127. Sieving according to FEPA standard 42-1:2006.

#### Packing

- 25 kg paper bags on shrinkfoiled export pallets.
- Other packing options on request.

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#### General information

H.S. Code 2818 1091  
Cas number 1344-28-1  
EINECS 215-691-6

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#### 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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