

BROWN FUSED ALUMINIUM OXIDE ELK / NK

Features & Benefits

Steel abrasives are produced with super eutectoid medium alloy steel. The percentage of Sulphur, phosphorus and chromium content is low. Abrasives are heat treated, applying the most modern procedure. The micro structure of steel high-carbon heat treated abrasives is a fine and homogeneous martensite.

Steel grit is suitable for compressed air blasting in enclosed recycling systems, such as shotblast rooms, cabinets etc.

Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Structure	:	uniformly tempered martensite
Shape	:	angular
Color	:	steelblue / grey
Hardness	:	H – Rockwell C > 60 (min. 700 HV)
	:	L – Rockwell C 52-60 (560-700 HV)
	:	P – Rockwell C 45-52 (450-560 HV)
Specific density	:	7.4 kg/dm ³
Loose bulk density	:	4.4 kg/dm ³

G120	:	0,075	-	0,18	G18	:	0,71	-	1,18
G80	:	0,125	-	0,35	G16	:	1,00	-	1,40
G50	:	0,18	-	0,60	G14	:	1,18	-	1,70
G40	:	0,20	-	0,85	G12	:	1,40	-	2,00
G25	:	0,42	-	1,00					

Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

C	:	0,85	-	1,10	%
Mn	:	0,35	-	1,20	%
Si	:		>	0,40	%
S	:		<	0,04	%
P	:		<	0,04	%

Packing

- In PE bags of 25 kg on shrink foiled export pallets of 1000 kg reinforced with cardboard.
 - Other packing options on request.
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QUALITY

According to SAE J444 standard, DIN 8201 and ISO 11124-3.

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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.

The technical data presented here is for marketing purposes only and is not contractually binding. The data herein is determined using standard test methods. We reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS. All sales are undertaken strictly in accordance with our "General Conditions of Sale", available upon request, or by a written sales agreement duly signed by us.