



EUROGRIT BV

Datasheet

Brown fused
Aluminium Oxide ELK / NK

02-01-2006

Description	Aluminium Oxide ELK / NK is an electro-fused aluminium oxide with very hard and tough grains.				
Applications	Compressed air blastcleaning in shotblast rooms, cabinets etc. Excellent for recycling.				
Properties	Shape	:	angular		
	Colour	:	brown / grey		
	Hardness	:	9 Mohs		
	Specific density	:	3.96 kgs/dm ³		
	Loose bulk density	:	1.6-1.8 kgs/dm ³		
Chemical Composition (Indication only)	Al ₂ O ₃	:	95.50 %		
	TiO ₂	:	2.70 %		
	Fe ₂ O ₃	:	0.10 %		
	SiO ₂	:	0.90 %		
	MgO	:	0.25 %		
	CaO	:	0.19 %		
	Na ₂ O	:	0.02 %		
	K ₂ O	:	0.09 %		
Grain sizes	F12	1410 - 2000	microns	F60	210 - 297
	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	354 - 500		F180	53 - 88
	F46	297 - 420		F220	44 - 74
	F54	250 - 354			
Packing	25 or 50 kgs bags, on shrinkfoiled export pallets.				

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.

EUROGRIT - AHEAD IN ABRASIVES