Brown Fused Aluminium

Our Type: NK-U

sieving acc. Fepa F*

Description:

Our brown fused aluminium oxide is obtained by fusion of bauxites in an electric arc furnace. The material is washed and therefore especially low in dust content. High hardness and a high fusion point result in the typical abrasive and refractory properties.

Application:

- Resinoid bonded grinding wheels
- Blasting

Characteristics:

Spec. gravity:	3.94 g/cm³	Fusion point:	2020 °C
Hardness:	9 (Mohs)		

Chemical Analysis (typical):

Al_2O_3	TiO_2	SiO_2	Fe_2O_3	CaO + MgO
93,5 - 95%	2,5 - 3,2%	0,5 - 0,8%	0,4%	0,4 - 0,8%

Available Grits and Bulk Densities (g/cm³):

Grit	min.	max.	Grit	min.	max.
F 12	1,88	2,07	**F 54**	1,73	1,91
F 14	1,84	2,05	**F 60**	1,73	1,91
F 16	1,84	2,03	**F 70**	1,72	1,88
F 20	1,83	2,02	**F 80**	1,70	1,86
F 22	1,82	2,01	**F 90**	1,68	1,84
F 24	1,80	2,00	**F 100**	1,66	1,82
F 30	1,78	1,98	**F 120**	1,64	1,80
F 36	1,76	1,96	**F 150**	1,64	1,80
F 40	1,74	1,94	**F 180**	1,58	1,74
F 46	1,73	1,93	**F 220**	1,58	1,74

Packing:

In 25-kg-bags on pallets of 1 MT shrinkfoiled or in 1 MT Big Bags.

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This technical information is given according to today's knowledge and can be subject to changes.

*Sieving is determined according to Fepa Standard 43-1:2006; bulk density according to ISO 9136-1.

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SYSTEM CERTIFICATION
ISO 9001
SGS