



Ruby Fused Aluminium Oxide

Our Type: EKRU-B
sieving acc. Fepa F*

Description:

Ruby fused aluminium oxide is obtained by the fusion of calcined alumina together with chromium oxide in an electric arc furnace. The chromium oxide is fixed in the crystal frame and results in an increased toughness and changed friability of the grain.

Application:

- Resinoid bonded grinding wheels
- Vitrified grinding wheels
- Blasting

Characteristics:

Spec. Gravity: 3.94 g/cm³ Fusion Point: 2030 °C
Shape: sharp

Chemical Analysis (typical):

Al ₂ O ₃	Fe ₂ O ₃	Cr ₂ O ₃	Na ₂ O
97.23%	0.08%	2.19%	0.34%

Available Grits and Bulk Densities (g/cm³):

Grit	min.	max.	Grit	min.	max.
F 10	1.78	1.88	F 54	1.70	1.80
F 12	1.77	1.87	F 60	1.65	1.75
F 14	1.77	1.87	F 70	1.62	1.72
F 16	1.76	1.86	F 80	1.59	1.69
F 20	1.75	1.85	F 90	1.56	1.66
F 24	1.75	1.85	F 100	1.53	1.63
F 30	1.75	1.85	F 120	1.52	1.62
F 36	1.75	1.85	F 150	1.50	1.60
F 40	1.72	1.82	F 180	1.46	1.56
F 46	1.71	1.81	F 220	1.42	1.52

Packing:

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

01.01.2024

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

*Sieving is determined according to Fepa Standard 42-1:2006; bulk density according to ISO 9136-1.