

## ELFK - R >> BONDED

### Violet Fused Aluminum Oxide

ELFK is a violet electrofused aluminum oxide obtained by the fusion of alumina, chromium oxide and titanium oxide in electric arc furnaces. ELFK is tougher than pink fused alumina and can be used in organic and vitrified grinding wheels. Produced according to ANSI or FEPA-F.

#### General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm <sup>3</sup>	56%

#### Chemical Analysis by XRF (%)

Al <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O
99.37	0.10	0.18	0.03	0.30

#### Bulk Density (g/cm<sup>3</sup>)

Grit Size	(R) cubic
10	1.85
12	1.85
14	1.83
16	1.83
20	1.79
22	1.79
24	1.79
30	1.78
36	1.78
40	1.78
46	1.78
54	1.72
60	1.71
70	1.65
80	1.64
90	1.59
100	1.58
120	1.58
150	1.53
180	1.52
220	1.49

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