

White Fused Alumina Abrasive Grains



Description: **HUNGAKOR EKF** is characterised by high alumina content, high chemical purity and white colour.

Field of Application: It is the most important base of grinding shape manufacturing. It can also be used for shot blasting surface treatment as it is not dangerous to health, no risk of silicosis and is not hygroscopic.

Granulometric Composition

Grain size FEPA	Base fraction [micron]	Bulk density* [kg/dm ³]	Grain size FEPA	Base fraction [micron]	Bulk density* [kg/dm ³]
4	4750-5600	1.58-1.68	36	500-600	1.67-1.77
5	4000-4750	1.58-1.68	40	425-500	1.68-1.78
6	3350-4000	1.58-1.68	46	355-425	1.70-1.80
7	2800-3350	1.58-1.68	54	300-355	1.70-1.80
8	2360-2800	1.58-1.68	60	250-300	1.68-1.78
10	2000-2360	1.58-1.68	70	212-250	1.66-1.76
12	1700-2000	1.58-1.68	80	180-212	1.63-1.73
14	1400-1700	1.59-1.69	90	150-180	1.61-1.71
16	1180-1400	1.61-1.71	100	125-150	1.58-1.68
20	1000-1180	1.63-1.73	120	106-125	1.56-1.66
22	850-1000	1.65-1.75	150	75-106	1.51-1.61
24	710-850	1.67-1.77	180	63-90	1.50-1.60
30	600-710	1.67-1.77	220	53-75	1.48-1.58

The granulometric composition of the HUNGAKOR EKF grains from F4-F220 grain size is according to the prescriptions of ISO 8486 .

* MOTIM's standard medium bulk density

Validity: The given technical data (5th version) are valid from 1st January 2013.

Producer and Exporter:

REFSAN ENDÜSTRİYEL FIRIN VE MAKİNA SANAYİ TİCARET A.Ş.

1. OSB. 1. CADDE NO:2



ISO 9001
ISO 14001

+90 850 255 0 274

internet@refsan.com.tr

www.refsan.com.tr

White Fused Alumina Abrasive Grains



Quality: This product is manufactured by a technology certified according to **EN ISO 9001:2000, ISO 14001:2004** and **OHSAS 18001:2007**.

REACH Registration Reference number: 01-2119529248-35-0023

Chemical Composition	EKF	
[%]	Guaranteed	Typical
Al₂O₃	min. 99.60	99.70
Fe₂O₃	max. 0.045	0.035
SiO₂	max. 0.035	0.023
TiO₂	max. 0.008	0.006
CaO	max. 0.040	0.025
Na₂O	max. 0.29	0.22

Physical Characteristics	EKF
α-Al₂O₃ phase [%]	96
β-Al₂O₃ phase [%]	3
Glassy phase [%]	1
Specific gravity [kg/dm³]	3.98
Melting point [°C]	2040
Porosity [%]	5
Hardness, Knopp [kN/mm²]	2050
Apparent density [kg/dm³]	3.87

Packaging: – in net 25 kg or 50 kg multiwall paper bags
– in 1 ton plastic containers (big-bag)

The bags are stacked on pallets in one ton lots (or as much as requested) covered by shrinkwrap.