

ABRASIVES

BROWN FUSED ALUMINA MAX

Brown fused alumina grits ABR MAX

ABR MAX (ABR M) is brown corundum produced by controlled fusion of special high-grade raw materials in an electric arc furnace. The process parameters ensure a product of consistent quality and good toughness

Brown fused alumina ABR MAX grits (F) are specially designed for the manufacturing of bonded organic abrasive products, such as snagging wheels, DC wheels, and cut-off wheels. Additionally, it is an excellent abrasive for use in abrasive blasting, providing efficient material removal and surface preparation.

■ TECHNICAL SPECIFICATIONS

Color	Brown	Al2O3	95.45%
Phase	alpha - Al2O3	TiO3	2.75%
Knoop Hardness	2100 KG / mm ²	SiO2	0.65%
Shape	Blocky	Fe2O3	0.22%
Grit Size	F60	Other Oxides	0.85%

LOOSE BULK DENSITY BY GRIT SIZE

Grit Sizes	Loose Bulk Density, g/cm3
F12	1.87 - 1.97
F14	1.86 - 1.96
F16	1.84 - 1.95
F20	1.84 - 1.94
F24	1.83 - 1.93
F30	1.80 - 1.90
F36	1.78 - 1.88
F40	1.77 - 1.87
F46	1.76 - 1.86
F54	1.74 - 1.84
F60	1.72 - 1.82
F70	1.67 - 1.77
F80	1.65 - 1.75
F90	1.63 - 1.73
F100	1.60 - 1.70
F120	1.55 - 1.65
F150	1.52 - 1.62
F180	1.50 - 1.60
F220	1.45 - 1.55

25 kg / 50kg bags and 1 MT jumbo bags (big bags). Custom packing is available upon request.

*The composition mentioned above is that of the base grain only

*Loose bulk density tested as per FEPA standard 44-2:2006

*Particle size distribution tested as per FEPA standard 42-2:2006