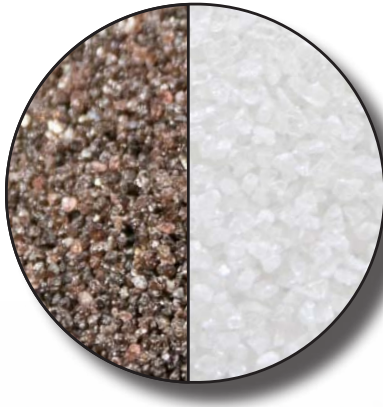


ALUMINIUM OXIDE

Aluminum Oxide is manufactured from high-grade ore and is chemically inert. It is extremely fast cutting and can be reused many times.



There are two types of aluminum oxide:

Brown aluminum oxide

It is very sharp and can be reused multiple times. It is suitable for pressure blast systems and for blast cutting applications.

White aluminum oxide

It has higher hardness with lower toughness compared to brown aluminum oxide. It is known for its high purity, average density and efficiency in blast cutting applications. It also has the ability to self-sharp as the grits rub one another. It has

high friability, so it will shatter progressively and break down upon impact.

It is widely used as a cutting abrasive. In the field of surface preparation, it is excellent for deburring, frosting glass and lettering stone. It produces excellent "anchor" or "tooth" patterns in preparation for recoating or nonskid surfaces.

Working speed	HIGH
Recyclability	MEDIUM-HIGH
Probability of metal removal	MEDIUM-HIGH
Hardness, Mohs scale (Rockwell RC)	8-9

Bulk Density (lb/cu.ft.)	125
Mesh Size	12-325
Typical Blast Pressure (psi)	30-90
Shape	

ADVANTAGES:

- Reusable and recyclable
- Produces low dusting
- Contains less than 1% free silica
- Low iron content so do not create rust stain
- Brown aluminum oxide : Low friability, so very resistant to degradation and breakdown
- White aluminum oxide : High friability, so will shatter and breakdown quickly upon impact

APPLICATIONS:

- Grinding
- Deburring
- Tumble finishing
- Buffing
- Non-skid coating
- Blast cleaning, eliminating rust, scale, paint and carbon deposits



PRODUCT CODES AND SPECIFICATIONS

BROWN ALUMINIUM OXIDE

Code	Grit size	Mesh	Density lb/cu.ft.
635105	20	16-25	111.12-117.36
635104	24	20-35	110.50-116.74
635108	30	25-40	109.25-115.49
635106	36	30-45	108.00-114.24
635107	46	40-60	106.13-112.37
635110	60	50-80	101.76-108.00
635114	70	60-100	101.13-107.38
635118	80	70-120	99.26-105.50
635120	90	80-140	98.64-104.88
635122	100	100-200	96.76-103.01
635125	120	120-230	94.89-101.13
635131	150	140-325	93.64-99.88
635135	180	170-270	91.14-97.39
635141	220	200-325	89.90-96.14
635144	240	200-325	89.27-95.51

PACKAGING



Bag = 50 lb



Pallet = 40 bags

WHITE ALUMINIUM OXIDE

Code	Grit size	Mesh	Density lb/cu.ft.
635157	20	16-25	111.12-117.36
635149	24	20-35	110.50-116.74
635158	30	25-40	109.25-115.49
635115	36	30-45	108.00-114.24
635160	46	40-60	106.13-112.37
635156	60	50-80	101.76-108.00
635153	70	60-100	101.13-107.38
635150	80	70-120	99.26-105.50
635151	90	80-140	98.64-104.88
635116	100	100-200	96.76-103.01
635155	120	120-230	94.89-101.13
635161	150	140-325	93.64-99.88
N/A	180	170-270	91.14-97.39
635152	220	200-325	89.90-96.14
635154	240	200-325	89.27-95.51



Bag = 55 lb



*Barrel = 400 lb

