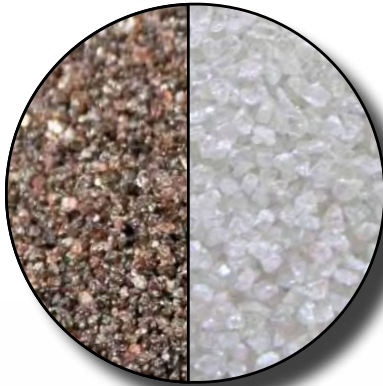




ALUMINIUM OXIDE

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/pi.cu.)	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



ALUMINIUM OXIDE (CONT'D)

Code	Grit size	US Standard screen	Sieve opening		
			Inches	Millimeters	Microns
635101	16	10 - 25	.0787 - .0280	2.00 - 0.71	2000 - 710
635105	20	10 - 30	.0787 - .0234	2.00 - 0.59	2000 - 590
635104	24	14 - 40	.0555 - .0165	1.41 - 0.42	1410 - 420
635108	30	16 - 45	.0469 - .0139	1.19 - 0.35	1190 - 350
635106	36	18 - 50	.0394 - .0117	1.00 - 0.297	1000 - 297
635107	46	25 - 70	.0278 - .0083	0.71 - 0.210	710 - 210
635109	54	30 - 80	.0232 - .0070	0.59 - 0.177	590 - 177
635110	60	35 - 100	.0197 - .0059	0.50 - 0.149	500 - 149
635114	70	40 - 120	.0165 - .0049	0.42 - 0.125	420 - 125
635118	80	45 - 140	.0139 - .0041	0.35 - 0.105	350 - 105
635120	90	50 - 170	.0117 - .0035	0.297 - 0.088	297 - 88
635122	100	60 - 230	.0098 - .0025	0.250 - 0.063	250 - 63
635125	120	70 - 270	.0083 - .0021	0.210 - 0.053	210 - 53
635131	150	80 - 325	.0070 - .0017	0.177 - 0.044	177 - 44
635135	180	100 - 400	.0059 - .0015	0.149 - 0.037	149 - 37
635141	220	120 - 30 microns	.0049 - .0012	0.125 - 0.030	125 - 30
635144	240	140 - 20 microns	.0041 - .0008	0.105 - 0.020	105 - 20

PACKAGING



Bag = 50 lb



Pallet = 40 bags

