

TECHNICAL DATA SHEET

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| Product Name: BROWN FUSED ALUMINA GRAINS | | |
| MAIN USE: Brown Fused Alumina mainly used in making grinding wheel, abrasives paper/ cloth, blasting sands Refractory, etc. | | |
| CHEMICAL ANALYSIS | Guarantee Content % | Typical Content % |
| Al ₂ O ₃ | 95% min. | 96.07% |
| Fe ₂ O ₃ | 0.2% max. | 0.17% |
| SiO ₂ | 1.2% max | 0.86% |
| TiO ₂ | 1.5 – 3.0% | 2.30% |
| CaO | | 0.20% |
| MgO | | 0.28% |
| ZrO ₂ | | 0.12% |
| PHYSICAL PROPERTIES | Bulk Density | See list |
| | Shape | Blocky |
| | Colour | Brown |
| | Specific Gravity | 3.95g/cm ³ |
| | Hardness | 9 Mohs |

| SIZE RANGE AVAILABLE (um) | | | | | | |
|---------------------------|-----------|----------|---------|---------|---------|---------|
| GRADE | 16 | 20 | 24 | 30 | 36 | 40 |
| Size (um) | 1000-1400 | 850-1180 | 600-850 | 500-710 | 425-600 | 355-500 |
| GRADE | 46 | 54 | 60 | 70 | 80 | 90 |
| Size (um) | 300-425 | 250-355 | 212-300 | 180-250 | 150-212 | 125-180 |
| GRADE | 100 | 120 | 150 | 180 | 220 | 240 |
| Size (um) | 105-150 | 90-125 | 63-106 | 53-90 | 40-75 | 35-63 |