

TDS - ALUMINIUM OXIDE

AVAILABLE SIZES

	12	14	16	20	24	30	36	40	46	60	80	90	100	120	150	180	220	240
Grade																		
Microns	1400	1180	1000	850	600	410	425	355	300	212	150	125	106	90	63	53	45	28
	-	-	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inch	2000	1700		1180	850	500	600	500	425	300	212	180	150	125	106	90	75	70
	.005	.046	.040	.033	.023	.016	.017	.014	.012	.008	.006	.005	.004	.003	.0025	.002	.0018	.001
	-	-	.055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	.078	.067		.046	.033	.019	.023	.019	.017	.012	.008	.007	.006	.005	.004	.003	.003	.0027

CHEMICAL COMPOSITION

ELEMENTS	BROWN	WHITE	PINK
Al ₂ O ₃	>93.0%	>99.0%	> 99.0%
SiO ₂	<1.3%	<0.1%	< 0.2%
Fe ₂ O ₃	<3.0%	<0.1%	< 0.15%
TiO ₂	<3.9%	N/A	N/A
CaO	<0.5%	<0.5%	< 0.5%
Na ₂ O	N/A	<0.5%	0.5%
Cr ₂ O ₃	N/A	N/A	0.5%

PHYSICAL PROPERTIES

Shape	Angular
Hardness (Moh Scale)	9
Particle S.G.	3.9 – 3.94
Colour	Brown, White
Bulk Density (Kg/m ³)	2400
Size standard	FEPA/ANSI

* All statements, technical information and recommendations contained herein are based on tests believed to be reliable but the accuracy and completeness thereof is not guaranteed.