

Alumina(Al₂O₃)- -Inch Size



Part Number	Grade	Max Temp.(°C)	Density	Hardness(HRC)	Ball Dia Tolerance	Sphericity	Weight	Material	Coefficient of thermal expansion(10 ⁻⁶ /K)	Poisson's ratio	Metrology system	RoHS	REACH
2"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	268.39g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 7/8"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	221.15g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 3/8"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	87.21g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 1/2"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	113.23g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 11/16"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	162.79g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 5/8"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	143.96g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
5/4"	G10	1800	3.95 g/cm	80	0.000010"	0.000010"	65.52g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
19/16"	G10	1800	3.96 g/cm	80	0.000010"	0.000010"	56.18g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 1/8"	G10	1800	3.97 g/cm	80	0.000010"	0.000010"	47.77g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1 1/16"	G10	1800	3.98 g/cm	80	0.000010"	0.000010"	40.24g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1"	G10	1800	3.99 g/cm	80	0.000010"	0.000010"	33.55g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
15/16"	G10	1800	3.100 g/cm	80	0.000010"	0.000010"	27.65g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
29/32"	G10	1800	3.101 g/cm	80	0.000010"	0.000010"	25.20g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
7/8"	G10	1800	3.102 g/cm	80	0.000010"	0.000010"	22.48g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
13/16"	G10	1800	3.103 g/cm	80	0.000010"	0.000010"	18.00g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
25/32"	G10	1800	3.104 g/cm	80	0.000010"	0.000010"	16.00g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
3/4"	G10	1800	3.105 g/cm	80	0.000010"	0.000010"	14.15g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
23/32"	G10	1800	3.106 g/cm	80	0.000010"	0.000010"	12.46g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
11/16"	G10	1800	3.107 g/cm	80	0.000010"	0.000010"	10.90g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
21/32"	G10	1800	3.108 g/cm	80	0.000010"	0.000010"	9.482g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
5/8"	G10	1800	3.109 g/cm	80	0.000010"	0.000010"	8.191g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
19/32"	G10	1800	3.110 g/cm	80	0.000010"	0.000010"	7.022g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES

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9/16"	G10	1800	3.111 g/cm	80	0.000010"	0.000010"	5.972g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
17/32"	G10	1800	3.112 g/cm	80	0.000010"	0.000010"	5.03g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
1/2"	G10	1800	3.113 g/cm	80	0.000010"	0.000010"	4.194g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
31/64"	G10	1800	3.114 g/cm	80	0.000010"	0.000010"	3.812g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
15/32"	G10	1800	3.115 g/cm	80	0.000010"	0.000010"	3.457g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
29/64"	G10	1800	3.116 g/cm	80	0.000010"	0.000010"	3.121g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
7/16"	G10	1800	3.117 g/cm	80	0.000010"	0.000010"	2.81g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES
13/31"	G10	1800	3.118 g/cm	80	0.000010"	0.000010"	2.498g	Alumina(Al ₂ O ₃)	9.1	0.27	Imperial	YES	YES