

Ceramic beads for fine and ultra-fine grinding

Available in sizes from
0,2 to 15 mm and up

Bead diameter		Typical properties								
Ceramic type	Standard Size (mm)	Chemical components			Specific density (g/cm³)	Bulk density (tons/m³)	Hardness (Vickers, Hv10)	Sphericity (%)	Color	Typical application
A	0.3 - 13	SiO ₂	Al ₂ O ₃	+ others	> 2.7	~1.6	800	99	white	SMD
C	0.5 - 6	Al ₂ O ₃	SiO ₂	+ others	> 3.2	~1.9	1000	99	white	ISA,SMD
B	0.2 - 13	Al ₂ O ₃	SiO ₂	+ others	> 3.6	~2.2	1300	99	white	ISA,SMD
M	0.2 - 13	Al ₂ O ₃	SiO ₂	+ others	> 3.70	~2.2	1300	99	white	ISA,SMD,HIG, VXP,MXP
Z	0.2 - 15	Al ₂ O ₃	ZrO ₂	+ others	> 3.7	~2.4	1500	99	white	ISA, HIG, VXP, MXP
N	0.2 - 9	ZrO ₂	SiO ₂	+ others	> 4.5	~2.8	1200	99	white	NETZSCH, HIG, VXP,MXP
G	0.2 - 9	ZrO ₂	Y ₂ O ₃	+ others	> 6.0	~2.9	1200	99	white	NETZSCH, HIG, VXP
H	0.2 - 9	ZrO ₂	CeO	+ others	> 6.1	~3.0	1300	99	white	NETZSCH, HIG, VXP

Magotteaux
mining
grinding beads
ceramic



GRINTEC MAGOTTEAUX
CERAMIC TECHNOLOGY

The information and data in this data sheet are accurate to the best of our knowledge. They are intended for general information only. Applications as suggested are described only to help readers make their own assessment. They are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.