



CeraBlast™ Ceramic Blasting Beads



Product Description and Technical Data:

CeraBlast™ Ceramic Blasting Beads are manufactured by an electric/thermal fusion of oxides. The internal structure is made up of a crystalline ceramic phase, bonded by an amorphous silica phase, resulting in high impact properties coupled with good hardness.

CeraBlast™ Beads are generally used for the surface treatment of components such as: rubber and plastic moulds, castings, boiler and heat exchanger parts and other precision components. They are ideal for blasting applications where a clean, consistent surface finish is required.

The spherical shape and high density of CeraBlast™ Blasting Beads enable efficient cleaning and surface preparation with low breakdown rates. The media provides a clean blasting action, producing a uniform and consistent finish while generating considerably less dust compared to many alternative blasting media.

CeraBlast™ Blasting Beads offer long media life and can deliver repeatable and consistent results, helping to reduce operating costs and downtime. They are particularly suitable for applications where ferrous contamination must be avoided, making them ideal for sensitive components and non-ferrous materials.



CeraBlast™ Abrasive Properties:

Shape	Smooth Spherical Beads
Hardness (HRC)	65
True Relative Density	3.85
Bead Relative Density	3.76
Bulk Density (kg/m³)	2300
Size Standard	B - NF L 06.824





CeraBlast™

Blasting Beads Technical Data

CeraBlast™ Abrasive Properties:

Typical Crystallographic Analysis:

Zirconia	67 %
Glassy Silica Phase	33 %

Typical Chemical Composition:

ZrO ₂	67 %
SiO ₂	30 %
Others	3 %

CeraBlast™ Available Sizes:

Grade	B20	B30	B40	B60	B120	B125	B205
Microns	600 - 850	425 - 600	250 - 425	125 - 250	70 - 125	0 - 125	0 - 63
Inch	.023 - .033	.016 - .023	.01 - .016	.005 - .01	.003 - .005	0 - .005	0 - .002

CeraBlast™ Packaging:

25kg Pails

CeraBlast™ Ordering Information:

Stock Code	AOT-OABIYYY
Key	B = B type blasting bead YYY = Product Size (e.g. B120, YYY = 120)