Microblast®

TECHNICAL DATA SHEET

07 / 2020

MICROBLAST IS THE INDUSTRIAL STANDARD FOR FINE CERAMIC BLASTING BEADS

Thanks to their fine sizes and specific spherical shapes, Microblast® ceramic beads provide the smoothest finish with a unique satin effect on many surfaces. They show high life cycle and impact resistance.

- Homogeneous and productive treatment
- High toughness beads, with low aggressiveness to equipment and tools
- Chemically inert, no contamination to treated parts

CHEMICAL ANALYSIS

Typical values	ZrO_2	SiO_2	Al_2O_3	Other
wt%	60 – 70	28 – 33	< 10	< 1

DESIGNATION AND AVAILABLE SIZES

Name	Size range (mesh)	Size range (µm)	Name	Size range (mesh)	Size range (µm)
B120	230 – 120	63 – 125	**B205**	230 & finer	0 – 63
B125	120 & finer	0 – 125	**B400**	500 – 230	30 – 63
B170	325 – 170	45 – 90	**B505**	1250 – 500	10 – 30

PHYSICAL PROPERTIES

	Typical values	Typical values
Specific gravity	240 lb/ft^3	3.85 g/cm^3
Bulk density	140 lb/ft^3	2.3 kg/l
Vickers hardness	60 HRC	700 HV1

PACKAGING

- 55 lbs - 25 kg plastic jerrycan
- Big-bags available upon request

MAIN APPLICATIONS

- Cosmetic finishing
- Surface etching
- Weld cleaning
- Deburring
- Glass frosting
- Fine engraving

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