

Microblast

Microblast fine ceramic beads are used as blasting media for surface finishing applications. Microblast B205, B170 and B120 blasting beads deliver the smoothest finish and a unique satin effect on stainless steel, aluminium, titanium, magnesium and even plastic surfaces.

The Microblast product line is the industry standard in blasting media, delivering high-quality components with superior aesthetics in a variety of applications including automotive, aerospace, electronics, home appliances, sporting goods and architecture. With their unique characteristics, Microblast ceramic beads also are used for precision blast cleaning applications to achieve the smoothest and most uniform surface finish on treated parts.



To deliver the highest and most consistent standards of quality, Microblast fine ceramic beads undergo a fully controlled process as well as a stringent product quality inspection through advanced technologies such as particle size laser diffraction and morphological imagery. This enables our customers to achieve blasted components with perfect and stable surface finishes.

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Chemical Composition (wt%)	ZrO ₂	SiO ₂	Al ₂ O ₃	
	60 - 70	28 - 33	<10	
Specific Gravity (g/cm ³)	3.8			
Bulk Density (kg/L)	2.3			
Vickers Hardness (HV1)	700			
Available Sizes	Name	µm	Name	µm
	B125	0 - 125	B205	0 - 63
	B120	63 - 125	B400	30 - 63
	B170	45 - 90	B505	10 - 30