

Zirblast

Zirblast ceramic beads exhibit a specific micro-structure of crystalline zirconia (ZrO₂) embedded into a glass matrix. This makes Zirblast a unique blasting media that features:

- High hardness to enable effective energy transfer at the impact point
- High toughness to ensure media stability over hundreds of blasting cycles
- No contamination of the treated surface
- Very low generation of dust to ensure productivity and limit the wear of the blasting equipment

Zirblast				
Chemical Composition (wt%)	ZrO ₂	SiO ₂	AlO ₂	
	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
	B20	600 - 850	B60	125 - 250
	B30	425 - 600	B80	180 - 250
	B40	250 - 425	B100	125 - 180