



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

**For paints / inks / plastic / Rubber industries Raw material available with us under self import
Manufacturing / Trading.**



Zirconium Aluminum Composite Beads :- Specification

Chemical composition		PROPERTIES
ZIRCONIUM		ZrO ₂ :68%
SILICA		SiO ₂ :35%
ALUMINA		Al ₂ O ₃ :37%
		Others:5%
Specific density	(g/cm ³)	≥3.95
Bulk density	(g/cm ³)	2.35 -2.55
Mircohardness(For 3mm Beads) (HV)		1020
Moh's hardness		7.2
Crushing Load		> 800N
Roundness		≥95%
Porosity		0%
Color		Off White (glossy sheen)
ZIRCONIUM		ZrO ₂ :20%
SILICA		SiO ₂ :35%
ALUMINA		Al ₂ O ₃ :40%
		Others:5%
Specific density	(g/cm ³)	≥3.2
Bulk density	(g/cm ³)	2.05 -2.25
Mircohardness(For 3mm Beads) (HV)		872
Moh's hardness		8
Crushing Load		> 500N
Roundness		≥95%
Porosity		0%
Color		White (glossy sheen)
ZIRCONIUM		ZrO ₂ :2%
SILICA		SiO ₂ :35%
ALUMINA		Al ₂ O ₃ :60%
		Others:3%
Specific density	(g/cm ³)	≥2.65
Bulk density	(g/cm ³)	1.55 -1.70
Mircohardness(For 3mm Beads) (HV)		761
Moh's hardness		8
Crushing Load		> 500%
Roundness		≥95%
Porosity		0%
Color		White (glossy sheen)

Regd Off:- Plot no 24 Block no .5, 1st floor, Behind Aurora cinema , opp Sahakari bhandar, Matunga (C.R) Mumbai – 400019

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