

✂ ZIRGRIT AZ ARE THE HIGH HARDNESS AND HIGH TOUGHNESS CERAMIC GRITS FOR SURFACE BLASTING

Zirgrit AZ are Alumina – Zirconia based ceramic grits, with a unique microstructure that provides high toughness and hardness for an improved durability and life cycle.

- Applicable to all pneumatic air / wet blasting
- High wear-resistance and improved longevity – lowest consumption of ceramic grit
- Blasting process stability
- No iron contamination

CHEMICAL ANALYSIS

Typical values	Al ₂ O ₃	ZrO ₂	Other
wt%	75	24	< 1

DESIGNATION AND AVAILABLE SIZES

Grit	µm	Mesh	Grit	µm	Mesh
14	1180–1700	16 – 12	80	150 – 212	100 – 70
16	1000–1400	18 – 14	90	125 – 180	120 – 80
20	850 – 1180	20 – 16	100	106 – 150	140 – 100
24	600 – 850	30 – 20	120	90 – 125	170 – 120
36	425 – 600	40 – 30	150	63 – 106	230 – 140
46	300 – 425	50 – 40	220	45 – 75	325 – 200
60	212 – 300	70 – 50			

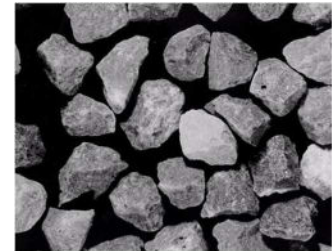
PHYSICAL PROPERTIES

	Typical	Units	Typical	Units
Specific gravity	4.3	g/cm ³	270	lb/ft ³
Bulk density (*)	2.2	kg/l	140	lb/ft ³
Vickers hardness	Vickers 21 GPa (50g load)			

(*) mean value, depending on grit size

MAIN APPLICATIONS

- Surface cleaning
- Descaling
- Deburring
- Surface profiling prior to coating



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The contents of this data sheet are given in good faith but without warranty

PACKAGING

- 50 lbs boxes
- 400 lbs drums
- Big bags