

## FUSED ZIRCONIA- ALUMINA OXIDE DATA SHEET

dragon-abrasives

	ZAA40	Grinding Belt		
	ZAB40			
	ZAA25	Vitrified Bonded Grinding Wheel		
	ZAB25			
<b>Chemical Composition</b>				
	ZAA40		ZAB40	
	Specification (%)	Typical (%)	Specification (%)	Typical (%)
Al <sub>2</sub> O <sub>3</sub>	55 - 58	57.73	55 - 60	58.80
ZrO <sub>2</sub>	35 - 44	41.58	35 - 42	39.23
SiO <sub>2</sub>	<0.30	0.15	<0.50	0.21
TiO <sub>2</sub>	<0.30	0.18	<1.5	1.29
Fe <sub>2</sub> O <sub>3</sub>	<0.10	0.046	<0.3	0.097
	ZAA25		ZAB25	
	Specification (%)	Typical (%)	Specification (%)	Typical (%)
Al <sub>2</sub> O <sub>3</sub>	68 - 72	71.85	68 - 72	70.47
ZrO <sub>2</sub>	23 - 28	25.82	23 - 28	26.53
SiO <sub>2</sub>	<0.50	0.36	<0.60	0.52
TiO <sub>2</sub>	<0.50	0.41	<1.50	1.26
Fe <sub>2</sub> O <sub>3</sub>	<0.10	0.02	<0.30	0.16
<b>Physical Properties</b>				
Color	Grey			
Specific Gravity	4.05 g/cm <sup>3</sup>			
Hardness	9.4 Mohs			
Structure	Micron Crystal			

Grain sizes have two types: F grit for making grinding wheels.

P grit for making belt.

Packing by 25kg paper bag, 40 bags on a pallet.