

■ **Application:**

The TC Series alumina ceramic cylinder can be combined with high quality rubber to be used as wear protection material in mining industry, power plant, steel plant etc. The alumina cylinder boned rubber wear panel has excellent impact resistant performance against other wear resistant material. Thanks to the excellent wear and impact resistance performance, the alumina cylinder can help to expend the life time of the equipment effectively. The TC Series alumina ceramic cylinder also can be used as grinding media in ball mill to increase the grinding efficiency as well.

■ **Performance Index:**

Products	TC85 [®]	TC92 [®]	TC95 [®]	TC97 [®]	TC99 [®]
Alumina Content (%)	(+ZrC2)≥83	≥92	≥95	≥97	≥99
Moh's Hardness (Mohs)	9	9	9	9	9
Rate of Water Absorption (%)	≤0.01	≤0.01	≤0.01	≤0.01	≤0.01
Fracture Toughness(n/mm)	38	40	42	44	48
Bending Strength (Mpa)	235	255	275	285	300
Bulk Density (g/cm ³)	≥3.30	≥3.63	≥3.68	≥3.73	≥3.83

■ **Specifications:**

Shape	Size(mm)						
	Cylinder	Dia.15*9.75	Dia.16*16	Dia.25*9.75	Dia.30*30	Dia.32*16	Dia.32*32
Dia.20*9.75		Dia.20*20	Dia.25*25	Dia.31*31	Dia.32*24	Dia.40*40	Dia.50*50
Dia.40*42		Dia.25*30	Dia.21*21	/	/	//	/
Semi-Cylinder	Dia.20*20	Dia.21*21	Dia.32*32	/	/	/	/

Remark: Any other sizes are available upon customer's requests.

■ **Packaging:**

In carton box or PP-bag , packed in fumigated wooden pallet with net weight 20-25MT/20'FCL.

■ **Key benefits:**

- Excellent anti-wear and corrosion resistance.
- Excellent impact resistance.
- Avoid shutdown time and maximize the productivity of your plant.



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"No one will come to be trustful without a reason, Tecera[™] comes to be because we are always closed to the clients and the market"
Strive for Perfection with Burning Passion.