■ Introduction：

Oxide bonded silicon carbide ceramic kiln sagger is a kind of container used in smelting,sintering processes. Oxide bonded silicon carbide Sagger is characterized by high temperature stability, corrosion resistance and chemical stability. Kiln sagger of Oxide silicon carbide in this respect and can bear extremely high temperatures and chemical corrosion, also having a long service life. Therefore, the Refractory oxide silicon carbide sagger are widely used in the fields of high temperature sintering, melting and chemical reaction.

■ Technical data sheet:

Item	Unit	Technical Data
SiC Content	%	≥ 90
Max. Service Temperature	℃	≥ 1500
Refractoriness	SK	≥ 39
Refractoriness Under Load	℃	≥ 1750
Density	G/cm3	2.70-2.75
Open porosity	%	7-8
Bending strength	Kg/cm2	500(20℃)
	Kg/cm2	550 (1200℃)
Thermal conductivity (1000C)	Kcal/m.hr.C	13.5- 14.5
Thermal expansion(1000C)	%	0.42-0.48

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Advantages:

1.Excellent sealing performance: The Silicon carbide ceramic Sagger has smooth and fine surface, good sealing performance, and can avoid material leakage effectively.

2.Great oxidation resistance: Oxide bonded silicon carbide Sagger has great oxidation resistance and can maintain stable performance under high temperature and pressure.

3.High hardness: The oxide bonded silicon carbide ceramic sagger has excellent hardness and can bear certain impact and friction.

Zibo DuraTec Technical Ceramic Applying Co.,Ltd
Address: E-1701, Torch Square, High-Tech Zone, Zibo, Shandong,China.
T/F: 0086-533-3153897 Web: www.duratec-refractory.com Email: info@duratec-ceramic.com