

Product Description



Ceramic honeycomb carrier

The honeycomb ceramic can be used as filter

applied in metallurgy and foundry industries, such product has below features:

- 1) Purifying the metal liquid, absorbing the oxide and filtering the non-metal impurities.
- 2) Making the metal liquid flowing at stable speed, reducing the vortex and reducing the bubbles in the cast part.
- 3) Equalizing the phase structure and prolonging the tools lifetime.
- 4) Improving the cast part surface performance and improving the density of the cast part.

The ceramic honeycomb as heat exchange media mainly applied on thermal equipment for energy saving within industry. Typically in heat recovery unit of RTO, instead of ceramic saddles With low heat expansion coefficient, large surface area, good heat stability and anticorrosion, it is the key and core componets of regenerative high temperature combustion(HTAC technology)

Honeycomb ceramic is mainly used in metallurgy, tower packing in chemical industry, construction, heat-regenerative and high temperature air purification, industrial waste gas treatment, NOX purified system in firepower plant, pufrified system for harmful gas rising from rubbish burning and poinsonous gas purification in chemical and mining industries, acting as filter and catalyst carrier used in foundry process.

Materials: Aluminium ceramic, cordierite, Mullite, dense aluminium.

Material	Al ₂ O ₃ (%)	Pore Value (um)	Thermal Expansion Coefficient (x10 ⁻⁶ /C)	Softening Temperature (C)	Crushing Strength (MPa)
Cordierite	34	2-3	≤ 1.6	1390	≥ 12
Mullite	62-64	2-3	≤ 5.0	1600	≥ 15
Corundum-Mullite	73-75	2-3	≤ 6.0	1700	≥ 15

Model No	Size(mm)	Cell Diameter (mm)	Open rate (%)	Effective Filtrating Area (mm ²)
YC-F40	40x40x12.5	1.9x1.9	63	1156
YC-F55	55x55x13	1.9x1.9	54	2400
YC-F60	60x60x16	1.9x1.9	54	2916
YC-F65	65x65x13	1.9x1.9	53	3481
YC-F75	75x75x16	1.9x1.9	53	4761
YC-F100A	100x60x13	1.9x1.9	52	5076
YC-F100B	100x60x16	1.9x1.9	62	5076
YC-F81	81x81x13	2.1x2.1	56	5625