

CERAMIC HONEYCOMB MONOLITH

Heat Storage & Exchange,
 Catalyst Carrier, Gaseous
 Emissions Control, Chemical
 Packing

Application: RTO & RCO, Metal
 Casting, Scrubber, Packing Tower

We customize all products and
 materials to individual customer
 needs and specifications.

Chemical Composition

Material	Composition	SiO ₂ (%)	Al ₂ O ₃ (%)	MgO (%)	Fe ₂ O ₃ (%)	K ₂ O+Na ₂ O+CaO (%)
Alumina Porcelain		30-35	60-65	≤3.5	<1	≤3
Cordierite		45-50	40-45	5-9	<1	≤1.5
Dense Cordierite		45-50	40-45	5-9	<1	<2
Mullite		25-30	65-70	≤0.5	<1	<1.5
Stoneware		63-68	25-30	≤0.5	<1	≤5
Cordierite and Mullite		45-50	40-50	6-9	<1	<1.2
Corundum Mullite I		35-38	58-62	≤0.5	<1	<1.2
Corundum Mullite II		25-30	65-70	≤0.5	<1	<1.2
Chrome Corundum Mullite		23-28	65-70	≤0.5	<1	<1.2
Zirconia Corundum Mullite		23-28	65-70	≤0.5	<1	<1.2

Specification

Overall Dimesion	Cell Number	Cell Width (mm)	Wall Thickness	Specific Surface Area	Void Fraction
150 x 150 x 300	5 x 5 = 25	26.0	3.0	150	76%
150 x 150 x 300	13 x 13 = 169	9.0	2.0	310	64%
150 x 150 x 300	25 x 25 = 625	4.9	0.9	580	68%
150 x 150 x 300	32 x 32 = 1024	3.8	0.8	724	66%
150 x 150 x 300	37 x 37 = 1369	3.4	0.6	805	72%
150 x 150 x 300	40 x40 = 1600	3.0	0.7	825	64%
150 x 150 x 300	40 x40 = 1600	3.1	0.55	920	70%
150 x 150 x 300	43 x 43 = 1849	2.9	0.5	1000	72%
150 x 150 x 300	46 x 46 = 2116	2.7	0.5	1039	68%
150 x 150 x 300	50 x 50 = 2500	2.3	0.7	1009	57%
150 x 150 x 300	50 x 50 = 2500	2.5	0.45	1136	69%
150 x 150 x 150	60 x 60 = 3600	2.0	0.45	1310	64%
150 x 150 x 300	60 x 60 = 3600	2.0	0.45	1310	64%