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Compilation of our raw materials – heat exchangers

material (internal description)	density [g/cm³]	open porousity [%]	specific heat capacity [J/kgK]	thermal conductivity [W/mK]	middle expansion coefficient [*10-6/K]	thermal shock resistance [K]	softening temperature [°C]
Alumina porcelain C 130 (NT)	2,7	0	877	2,1	6,2	200	>1200
Cordierite ceramics C 520 (MK 20)	2,0	20	810	1,9	2,8	350	>1300
Mulitte ceramics (NSc/LA 10)	2,4	0	865	2,1	5,0	180	>1200