



Designed to Take the Heat

Ceramic Fiber Paper

Ceramic Fiber Paper offers high temperature resistance, very low thermal conductivity, chemical corrosion resistance and thermal shock stability. The paper can be widely used in the applications where purity, cracking resistance and heat resistance are of importance. It provides maximum heat resistance and thermal insulation in limited space.

Ceramic Fiber Paper Typical Chemical and Physical Properties						
GRADE	550-L	970-L	970-LH	1530-L	3000-L	3000-LH
Melting Point °F	3200	3200	3200	3200	3600	3600
Maximum Use Limit °F	2300	2300	2300	2300	3000	3000
Chemical Analysis Wt.						
% Al ₂ O ₃	47	47	47	47	97	97
% SiO ₂	52.6	52.6	52.6	52.6	2.8	2.8
% Trace	0.4	0.4	0.4	0.4	0.2	0.2
Organic Content %	8	8	0	8	5	0
Density lbs/ft ³	6 to 9	6 to 9	9	6 to 9	8	6 to 8
Mullen Burst (psi) 1/8" thick	22	24	2.0	27	14	1.4
Thermal Conductivity (BTU in./hr ft ² °F)						
500°F	0.47	0.39	0.39	0.43	0.6	0.6
800°F	0.71	0.55	0.55	0.57	0.8	0.8
1300°F	1.19	0.87	0.87	0.83	1.2	1.2
1600°F	1.67	1.05	1.05	0.98	1.5	1.5