



THERMOGRAVIMETRIC ANALYSIS OF AQUAZOL CERAMIC BINDER

These data below show the decomposition behavior of Aquazol under a temperature program more closely approximating early stage burnout. Like the initial decomposition experiments, these tests again show that Aquazol burns out predictably and uniformly at temperatures typical of ceramic processing.

For both the air and nitrogen atmosphere tests, temperatures were rapidly brought up to about 350°C, then increased only very slowly for the next 130 minutes. This slow increase simulated a programmed rise in temperature to keep the binder burnout rate to well under 2% per minute.

