

# Thermal Analysis for Ceramic Materials

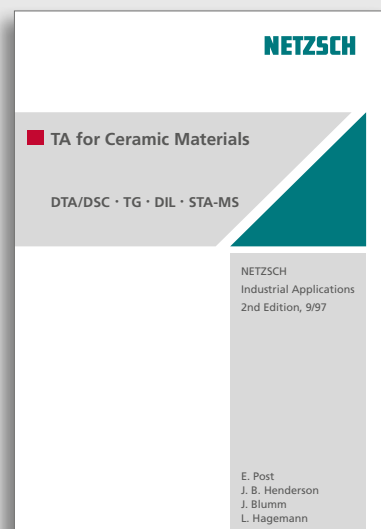
Handbook

Application Volume

The 2nd edition of the NETZSCH Industrial Applications Handbook, "TA for Ceramic Materials" is now available. Here, in addition to an introduction to the various methods of thermal analysis, over 30 examples are presented for raw and building materials, silicate ceramics and glass - and, for technical ceramics, mechanical, electronic, magnetic and optical applications are illustrated.

Instruments/methods addressed are the dilatometer (DIL), thermomechanical analyzer (TMA), glaze stress tester (GST), differential scanning calorimeter (DSC), thermogravimetric analyzer (TG), simultaneous thermal analyzer (STA), STA/evolved gas analysis and the laser flash apparatus (LFA). The application examples have been updated and edited, and some new examples – in particular, from the classic "oxide ceramics" – have been added.

The Ceramic Handbook "TA for Ceramic Materials" will be delivered as a CD-ROM.



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