Supplementary Materials

Thermal Stability of Woolly Erionite-K and Considerations about the Heat-Induced Behaviour of the Erionite Group

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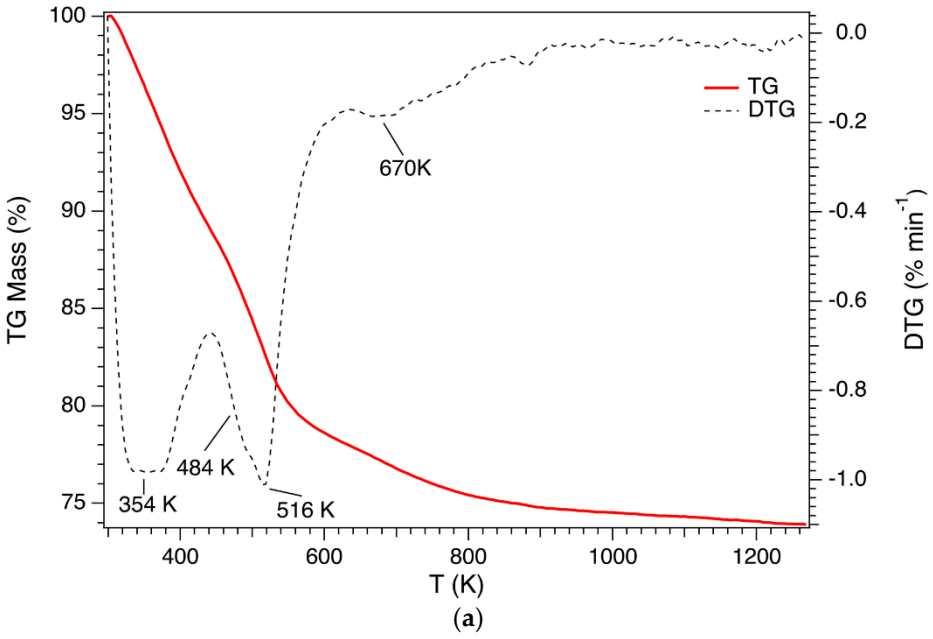
This file includes the supporting information of the paper entitled "Thermal stability of woolly erionite-K and Considerations about the Heat Induced Behaviour of the Erionite Group".



(**a**)

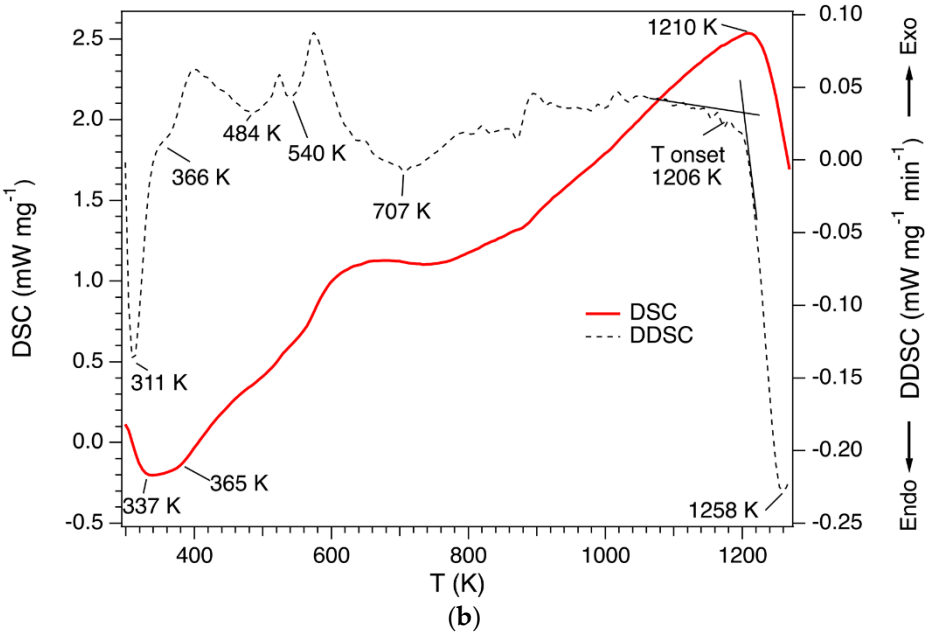


Figure S1. (**a**) TG and DTG curves; and (**b**) DSC and DDSC curves of the wolly erionite-K.

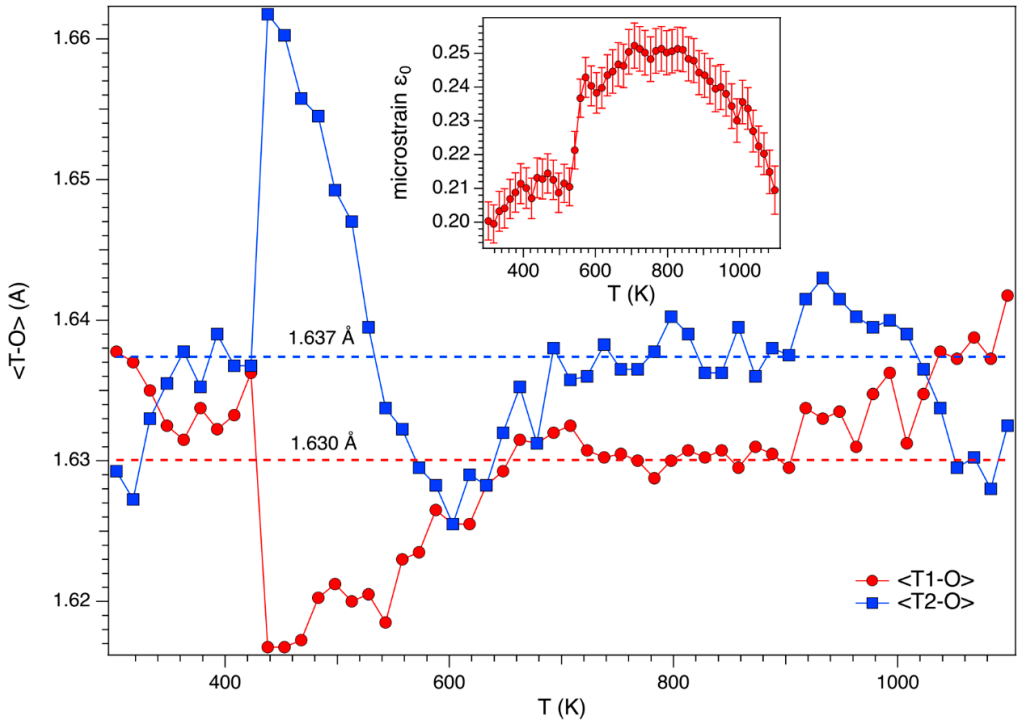


Figure S2. <T1–O> and <T2–O> bond distances as a function of temperature.

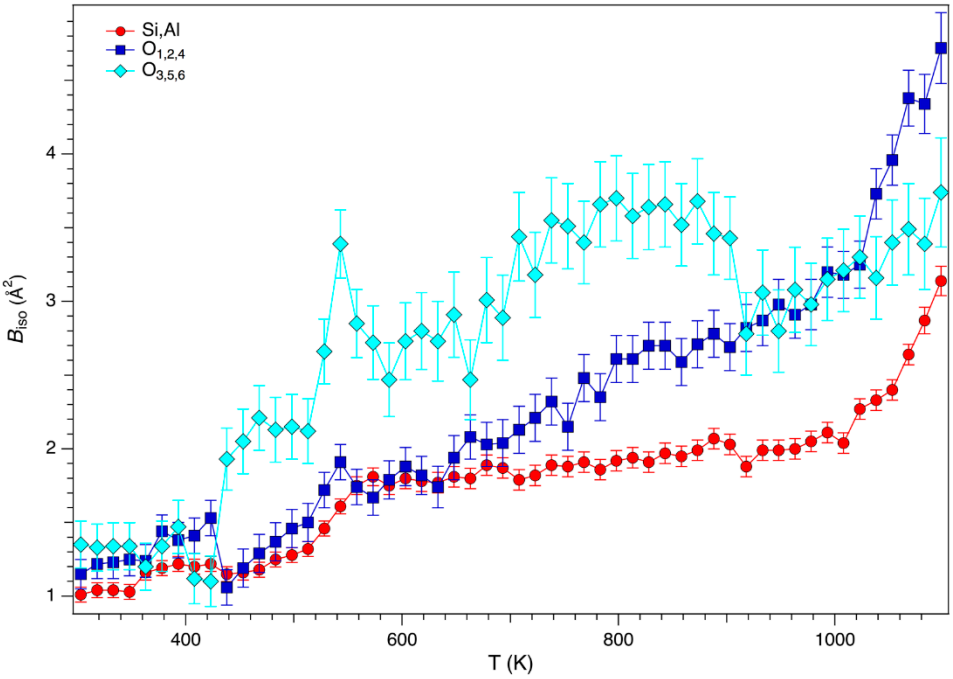


Figure S3. Isotropic displacement parameters of the T cations and of the oxygen atoms of the framework as a function of temperature.

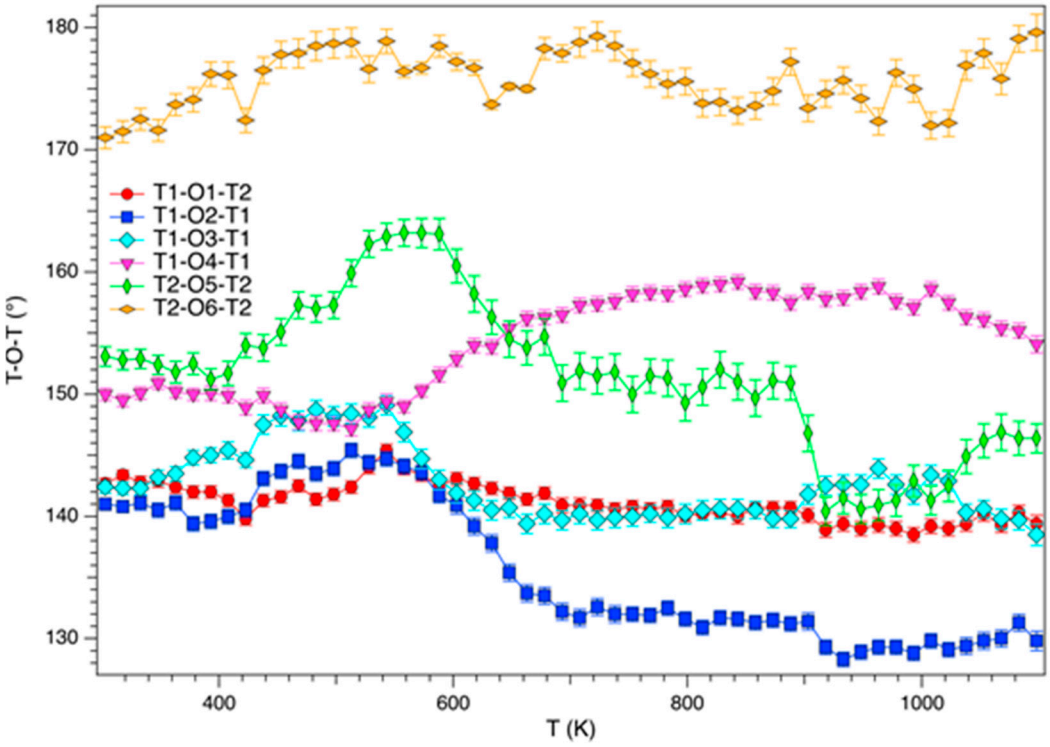


Figure S4. Evolution with temperature of the T–O–T bridges.

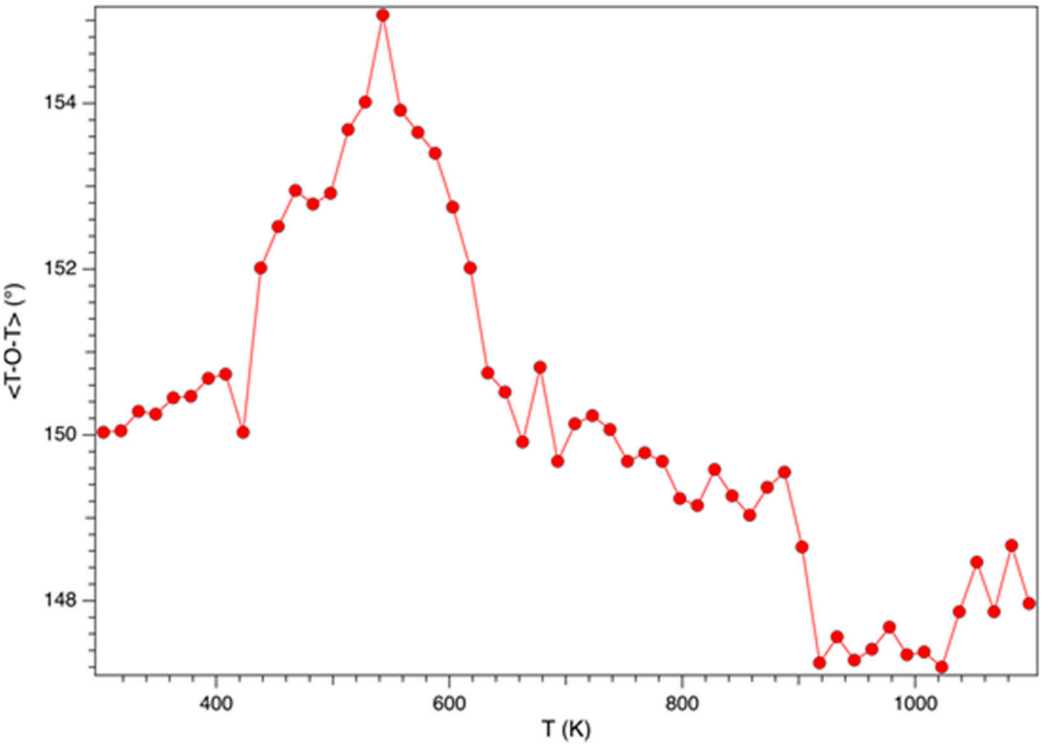


Figure S5. Evolution with temperature of the <T–O–T> bond angle.

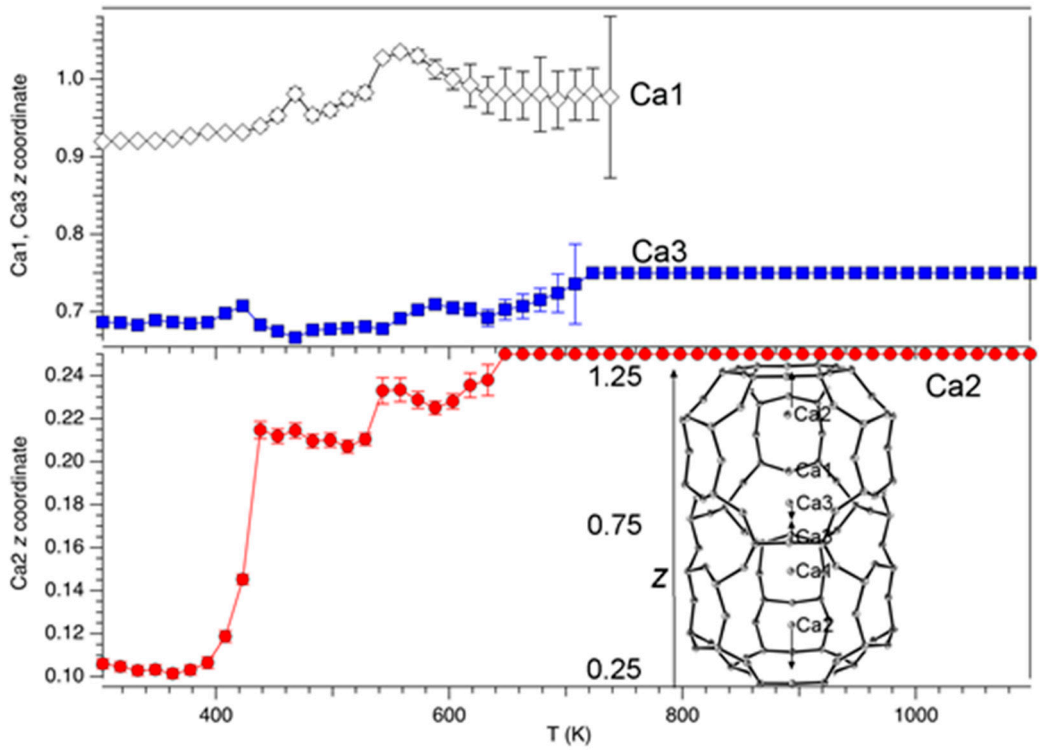


Figure S6. Dependence from temperature of the z coordinate of the Ca1, Ca2, and Ca3 sites. Inset: Ortep-3 [43] drawing of the location of the EF cation sites within the erionite cage.

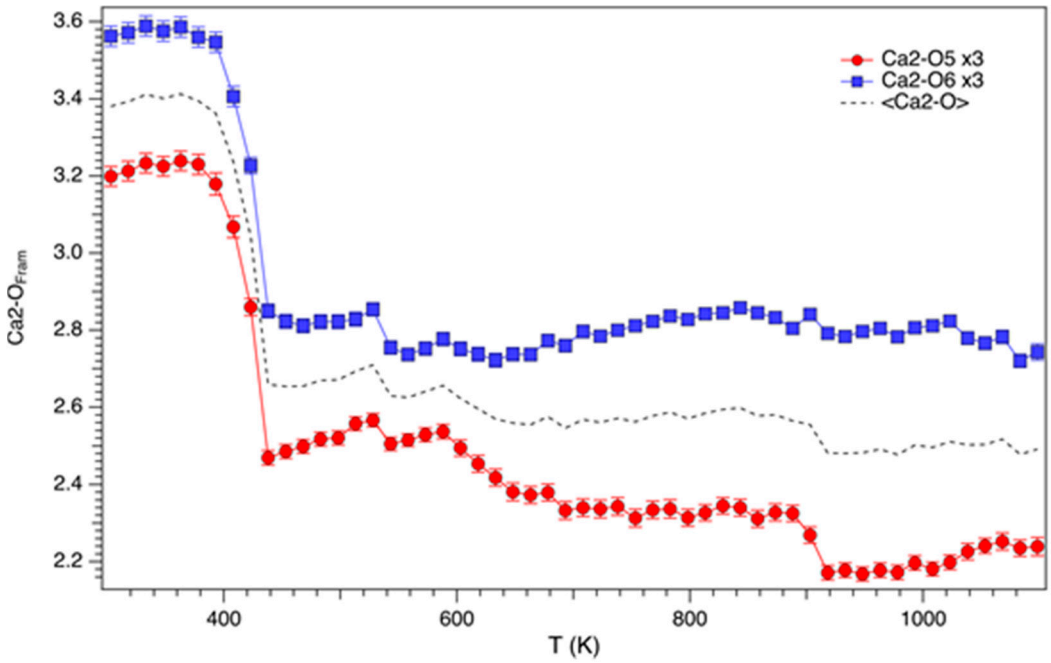


Figure S7. Dependence from temperature of bond distances between Ca2 and oxygen atoms of the framework.

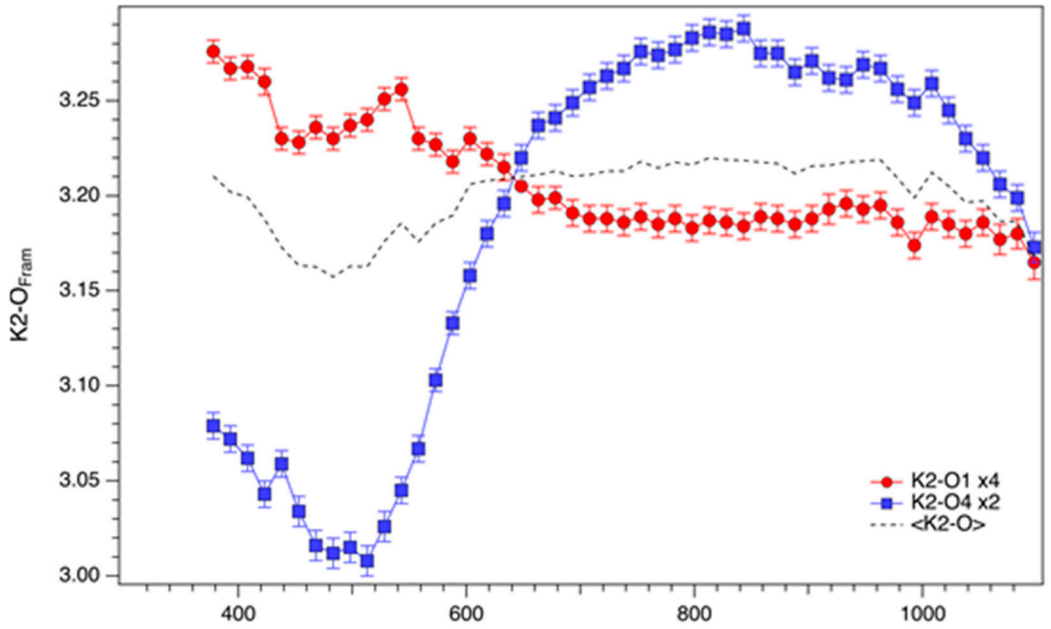


Figure S8. Dependence from temperature of bond distances between K2 and oxygen atoms of the framework.