

Zeolite-Type Crystal Structures and their Chemistry. Framework Type Codes RON to STI (Landolt-Bornstein: Numerical Data and Functional Relationships in Science and Technology - New Series)



When the first volume of this compilation was published in 2000 (subvolume B of volume 14 of the Physical Chemistry, Group IV, of Landolt-Bornstein) we knew of 130 framework-type codes approved by the Structure Commission of the International Zeolite Association. At that point we had identified and collected in our databank Zeobase more than 1800 sets of individual crystal structure data concerning zeolites. We expected it would take three volumes to cover all this ground. As of this writing there are 186 known framework-type codes and the number of individual entries is close to 4900. That means that on average close to 400 new crystal structure determinations or refinements of zeolites have been published annually since the year 2000. This, fourth, subvolume E contains information on the 30 framework-type codes from RON to STI, encompassing 1100 individual entries, of which 949 are for the SOD-type alone. With 152 pages the SOD-chapter comprises more than a third of this volume. It is the most studied zeolite framework and is exceedingly complex in terms of its varied chemistry and especially in the richness of the various space group symmetries in which it has been found to occur. At least 27 different space groups have been used to describe the SOD-types known so far. No other zeolite-type displays such variety. Possibly this is due to the collapsibility and flexibility of its simple framework.

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However, a material can be described using the IUPAC crystal chemical formula(2), as Subvolume B in Landolt-Bornstein, Numerical Data and Functional Relationships in Science and Technology, New Series, Group IV: Physical **Errata - Springer** Framework Type Codes Ron to Sti juz od 18216,38 zl - od 18216,38 zl, Data and Functional Relationships in Science and Technology - New Series 18216 **Zeolite-type Crystal Structures and Their Chemistry: Framework** Framework Type Codes RON to STI (Landolt-Bornstein: Numerical Data and Functional Relationships in Science and Technology - New Series) on : **Reinhard X. Fischer: Books** Results 1 - 12 of 19 Landolt-Bornstein Set 2013 (Landolt-Bornstein: Numerical Data and Functional Relationships in Science and Technology - New Series) Zeolite-Type Crystal Structures and their Chemistry. 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and crystal data. **AtlAs of Zeolite frAmework types - IZA Structure Commission** Zeolite-Type Crystal Structures and their Chemistry. Framework to STI. Volume 14E of the series Landolt-Bornstein - Group IV Physical Chemistry pp 583-584 **Home Journals, Academic Books & Online Media - Springer** Framework Type Data Sheets (arranged by 3-letter code in alphabetical order) .. However, a material can be described using the IUPAC crystal chemical . Landolt-Bornstein Series on Microporous and other framework materials with . Data and Functional Relationships in Science and Technology, New Series, Group. **Zeolite-Type Crystal Structures and their Chemistry. Framework** Zeolite-Type Crystal Structures and their Chemistry. Framework Type Codes RON to STI. Volume 14E of the series Landolt-Bornstein - Group IV Physical Chemistry pp Framework Type Codes RON to STI of Volume 14 Microporous and other the zeolite framework type and topology, its compounds and crystal data, **Amazon:Books:New, Used & Rental Textbooks:Science** Jun 30, 2009 It is designed as a reference work for zeolite chemists and materials scientists, but it also serves as a tool Framework Type Codes RON to STI. **Introduction - Springer** Zeolite-Type Crystal Structures and their Chemistry. Volume 14G of the series Landolt-Bornstein - Group IV Physical Chemistry pp 41 New Framework Type Codes of Volume 14 Microporous and other Framework Type Codes RON to STI. Numerical Data and Functional Relationships in Science and Technology **STI - Springer** Numerical Data and Functional Relationships in Science and Technology - New Series) Zeolite-Type Crystal Structures and their Chemistry. Framework Type Codes RON to STI (Landolt-Bornstein: Numerical Data and Functional **Virology Journals, Academic Books & Online Media Springer** Zeolite-Type Crystal Structures and their Chemistry. Framework Type Codes RON to STI. Volume 14E of the series Landolt-Bornstein - Group IV Physical Chemistry pp Framework Type Codes RON to STI of Volume 14 Microporous and other Numerical Data and Functional Relationships in Science and Technology **Zeolite-Type Crystal Structures and Their Chemistry. Framework** Zeolite-type Crystal Structures and Their Chemistry: Framework Type Codes RON to STI Baur Werner Fischer R. X.. ISBN: 9783540708834 Series: Landolt-Bornstein: Numerical Data and Functional Relationships in Science and Technology - New Series Edition: Publisher: Springer-Verlag Berlin and Heidelberg GmbH **Zeolite-Type Crystal Structures and their Chemistry. Framework** Zeolite-Type Crystal Structures and their Chemistry. Framework to STI. Volume 14E of the series Landolt-Bornstein - Group IV Physical Chemistry pp 583-584