

ADDITIONS AND CORRECTIONS

2009, Volume 113C

German Sastre* and Avelino Corma: Topological Descriptor for Oxygens in Zeolites. Analysis of Ring Counting in Tetra-coordinated Nets.

Page 6398. An error has been found on p 6403, where low angles in beryllosilicates are discussed. The manuscript indicates, wrongly, that SFH and SFN are beryllosilicates, while it should say they are borosilicates.

The conclusions of the discussion itself are not affected as the point being argued is that structures can be found with low TOT angles not related to 3-rings. As indicated rightly in the manuscript, SFH and SFN contain low TOT angles (see values below), which are associated to 4-, 5-, 6-, and 14-rings.

The sentence where “four beryllosilicates (OBW, WEI, SFH, and SFN)” are mentioned should then refer to “two beryllosilicates (OBW and WEI) and two borosilicates (SFH and SFN)”. These four materials have in common the presence of TOT angles smaller than 140° , and such TOT angles are compatible, at least, with 3-, 4-, 5-, 6-, 8-, 10-, and 14-rings. (TOT angles lower than, or similar to, 140°).

SFH	
T2–O5–T4	135.3
T2–O6–T6	139.5
T4–O10–T7	136.5
SFN	
T3–O7–T8	134.9
T4–O8–T7	140.7
T7–O11–T8	135.7

10.1021/jp903738w

Published on Web 05/01/2009