

Correction to “Starch/Sodium Oleate/Calcium Chloride Modified Filler for Papermaking: Impact of Filler Modification Process Conditions and Retention Systems as Evaluated by Filler Bondability Factor in Combination with Other Parameters”

Xiujie Huang, Zaisong Sun, Xueren Qian, Jinsong Li, and Jing Shen*

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We recently published a paper titled “Starch/Sodium Oleate/Calcium Chloride Modified Filler for Papermaking: Impact of Filler Modification Process Conditions and Retention Systems as Evaluated by Filler Bondability Factor in Combination with Other Parameters” in *Industrial & Engineering Chemistry Research*. In this paper, the concept of filler bondability factor was proposed, and the impact of filler modification process conditions and retention systems was evaluated based on this newly proposed concept together with other parameters.

The proposed concept of filler bondability factor is expected to be helpful to the scientists/engineers working in the field of pulp and paper in evaluating the impact of various mineral fillers. On page 6427 in our published paper, the filler bondability factor was defined as

filler bondability factor

$$= \frac{\text{strength of filled paper}}{\text{strength of unfilled paper}} \times \text{filler retention} \times 100$$

However, we made an error during our word typing. Essentially, the above equation should be revised as

filler bondability factor

$$= \frac{\text{strength of filled paper}}{\text{strength of unfilled paper}} \times \text{filler content of filled paper} \times 100$$

The data presented in this paper was obtained from calculations based on the equation involving strength of filled paper, strength of unfilled paper, and filler content of filled paper. Thus, this newly proposed concept is closely related to strength properties and filler content (dependent upon filler retention) of filled paper. The correction of the equation would help the readers to have an accurate idea of the concept, so that misunderstandings can be avoided.