



Title

Quality evaluation of Mica products - Iron content

Category

Quality

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<Abstract>

Mica is an insulator, there are many cases of performance for the purpose of insulation. But if it contains iron, it is not suitable for insulation because of conducting electricity. For quality evaluation, we measured the iron contents.

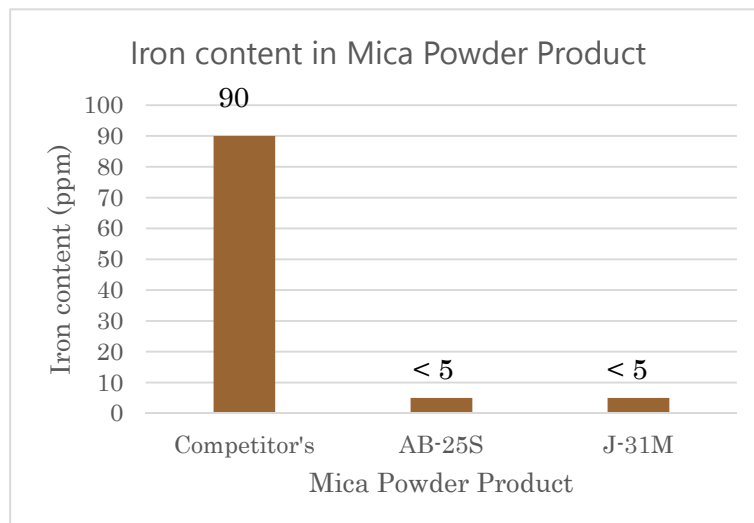
The iron contents of AB-25S and J-31M purified by wet classification were below the measurement limitation. As the result, these were suitable for insulator.

<Implementations>

Measurement method of iron contents

1. Add water to measurement sample (200g) for making slurry.
2. Put a magnet into slurry for attracting iron.
3. Repeat 2. until the iron content is gone.
4. Dry well and measure weight of iron.

<Results>



*AB-25S and J-31M are YAMAGUCHI's products.

<Conclusions>

The iron contents of AB-25S and J-31M purified by wet classification were below the measurement limitation. As the result, these were suitable for insulator.