

## **MICROWAVE SINTERING OF MAGNESIUM FLUORIDE**

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This presentation is the first time to report the sintering of magnesium fluoride with microwaves. The sintering was conducted in a 2.45-GHz microwave applicator under argon atmosphere. Sintering shrinkage and density were measured. The microstructure of the sintered samples was examined. Feasibility and advantages regarding microwave sintering of magnesium fluoride were discussed.