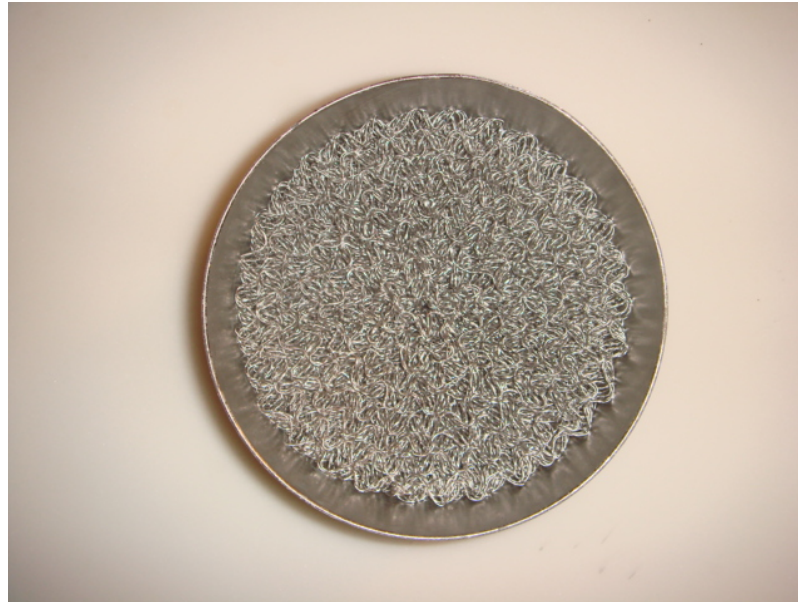


Improvement of Urea SCR Performance Using Wiremesh Thermolysis Mixer



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Summary

- Wiremesh mixer avoids urea by-pass
- Wiremesh mixer enhances urea decomposition into ammonia
- Wiremesh mixer improves gas flow and ammonia uniformity (0.99)
- Wiremesh mixer improves NO_x reduction
- Wiremesh mixer compliments the geometry, orientation and the injector profile
- Wiremesh mixer development should bring harmony between the injection, thermolysis and mixing