SUPPLEMENTARY INFORMATION

Metal-substituted hexaaluminates for high-temperature N_2O abatement

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The figure shows the N_2O conversion vs time-on-stream over Ba-Fe-Al hexaaluminate in a mixture simulating the gas at the outlet of the PGM (platinum group metals) gauze pack in ammonia burners. Conditions: feed with 1500 ppm N_2O, 10 vol.% NO, 10 vol.% O_2, and 15 vol.% H_2O, balance He; T = 1073 K, P = 1 bar, and WSHV = 30,000 ml g^{-1} h^{-1}.