

The present invention relates to an aerosol-forming article (10) for use in an electrically heated aerosol-generating device (30), the aerosol-forming article (10) comprising a mouthpiece (18), an aerosol-forming substrate (12), and a plurality of magnetic particles (22) comprising a magnetic material having a Curie temperature of between 60 degrees Celsius and 200 degrees Celsius. The present invention also relates to an electrically heated aerosol-generating device (30) for receiving an aerosol-forming article (10), the device (30) comprising a heater element (32) for heating an aerosol-forming article (10), an inductor (38), and a controller (42) for measuring an inductance of the inductor (38) and for controlling a supply of electrical current to the heater element (32) in response to the measured inductance.