

## pyrolysis

Thermolysis, usually associated with exposure to a high temperature.

Notes:

1. The term generally refers to reaction in an inert environment.
2. Pyrolysis is the commonly used term for a high-temperature treatment that converts a ceramic precursor to a ceramic.
3. Modified from previous definition. The definition proposed here is more explicit about the elevated temperatures involved.

**Source:**

PAC, 2007, 79, 1801 (*Definitions of terms relating to the structure and processing of sols, gels, networks, and inorganic-organic hybrid materials (IUPAC Recommendations 2007)*) on page 1824