

## premium coke

An extremely well graphitizing carbon with a high degree of optical anisotropy (isochromatic areas of optical texture above about 100  $\mu\text{m}$ ) and which is characterized by a combination of the following properties which differ significantly from those of regular coke: high real density, low reversible thermal expansion and low ash content combined, in most cases, with low sulfur content.

Note:

Premium coke is mainly produced from tars or residues from petrochemistry by the delayed coking process. Also, refined coal tar pitches are used as precursors for premium coke production.

**Source:**

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 501