

Statement on Carbon Footprint of Carbon Black

The specific amount of CO₂ emitted per quantity of carbon black produced depends on various influencing factors such as process parameters, power consumption, grade morphology, raw material used, material transport, etc. These are of considerable complexities and require extensive investigations to be accurately determined and aggregated.

The ICBA Members regard production specific data as confidential business information (CBI) which are not disclosed outside the companies for intellectual property protection reasons. Furthermore, due to the fact that there are presently no international standards on the Carbon Footprint definition and on its quantification for any given product, the ICBA Members are not in the position to provide specific data.

However, to support activities of the Carbon Black Users the ICBA would like to refer to a document published by the European Integrated Pollution Prevention and Control Bureau at the following address:

http://www.jpcc-nggip.iges.or.jp/public/2006gl/pdf/3_Volume3/V3_3_Ch3_Chemical_Industry.pdf

In chapter 3.9.2.2 (page 3. 80) of this publication one can find some information on the CO₂ emission factors related to the production of Carbon Black.

Further information has been made available in BREF (Large Volume Inorganic Chemicals - Solids and Others Industry): <http://eippcb.jrc.es/reference/lvic-s.html>