



Figure 5 – Carbon footprint of plastic products (European average) – PlasticsEurope

In a cradle-to-gate perspective, the carbon footprint of polyolefins production originates from four main sources: the emissions caused by the production of crude oil and naphtha (the feedstock) and the production of olefins and then the polyolefins.

<sup>7</sup> PlasticsEurope eco-profiles – (cradle-to-gate life cycle inventories), are published on PlasticsEurope's website (<http://fca.plasticseurope.org/index.htm>). More in-depth information on life cycle assessment and carbon footprint methodologies can be found on the European Commission Joint Research Centre website: [www.lca.jrc.ec.europa.eu](http://www.lca.jrc.ec.europa.eu)