

<LCI values of Carbon Fiber>

LCI	Unit	Value
Energy to produce 1 kg of carbon fiber	MJ	286
CO <sub>2</sub> emission for the production of 1kg carbon fiber	kg	22.4
SO <sub>x</sub> emission for the production of 1kg carbon fiber	kg	0.019
NO <sub>x</sub> emission for the production of 1kg carbon fiber	kg	0.121

LCI : Accumulation data including mining and import of feedstock, oil refinery industrial complex, petrochemical industrial complex, and carbon fiber production process.