

COIDAN GREEN SCHEME

CARBON FOOTPRINT CALCULATOR



MANUFACTURED
Graphite Electrodes

**RECIPE FOR
1 TONNE OF...**

GREEN
Graphite Electrodes

3*

OIL
(Tonnes)

0

230 KWH

ENERGY
(to bake)

0 KWH

4,865 KWH

ENERGY
(to graphetise)

0 KWH

0 KWH

**SELECT &
PREPARE**
used electrodes

60 KWH

140 KWH

ENERGY
(production process)

140 KWH

TOTAL KWH
17,273

100%

TOTAL KWH
200

1%

* 1 tonne of oil is equivalent to 317 gallons of gasoline. 79 gallons of gasoline is equivalent to **1,000^{KWH}**. 3 tonnes oil = $3 \times \frac{317}{79} \times 1,000 = \mathbf{12,038^{KWH}}$