

Facts and numbers

CO2 emissions in grams per kilogram

- PET 85% recycled material 65 gram
- PET with 50% recycled material 89 gram
- carton with or without recycled material 800-1150 gram

- 10,000 liters of water are needed for the production of 1000 kg of paper
- 1 liter of water is required for the production of 1000 kg of plastic

- The recycling of 1000 kg of carton saves 0.04 tons of CO2
- The recycling of 1000 kg of plastic PET saves 2.29 tonnes of CO2

If we replace all packaging with plastic packaging

- reduces the average load by 800 kg per truck
- up to 2 liters of fuel per 100 km are saved
- and 5 kg less CO2 emissions per 100 km produced

1 ton of plastic from recycled PET provides a saving of::

2 ton CO2

11 mw/u CO2

670 liter of water

source: Guillin