Relation TOC / ignition loss
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Naturally there is a relation between ignition loss and the content of organic carbon. This can be described by the empirical formula

$$C = GV * 0.5$$

This is a good approximation for composting plants if no analysis values are available.

The factor varies depending on the composition of the organic substance. The following diagram shows the relationship between ignition-loss to carbon for bio-mechanically treated waste.

Relation Glühverlust zu Kohlenstoff
mech. biol. vorbeh. Restmüll (n=50)

r²=0,91
C=0,505 *GV + 2,23