

PRODUCT CARBON FOOTPRINT

CARBON FOOTPRINT OF A PRODUCT (CPF) IS A SUM OF GREENHOUSE GAS EMISSIONS AND REMOVALS IN A PRODUCT SYSTEM EXPRESSED AS CO₂E EQUIVALENTS (CO₂E) AND BASED ON A LIFE CYCLE ASSESSMENT USING THE SINGLE IMPACT CATEGORY OF CLIMATE CHANGE. GREEN HOUSE GASES GHGS ARE EMITTED AND REMOVED THROUGHOUT THE LIFE CYCLE OF A PRODUCT (I.E. CRADLE-TO-GRAVE) FROM RAW MATERIAL ACQUISITION THROUGH PRODUCTION, USE AND END-OF-LIFE TREATMENT. CARBON FOOTPRINT CALCULATION IS IN ACCORDANCE WITH TECHNICAL SPECIFICATION OF CPF GIVEN BY ISO NORM 14067:2013.

O.R.I. MARTIN S.p.A.

COMPANY

Vergella diam. 13mm - wire rod diam. 13 mm

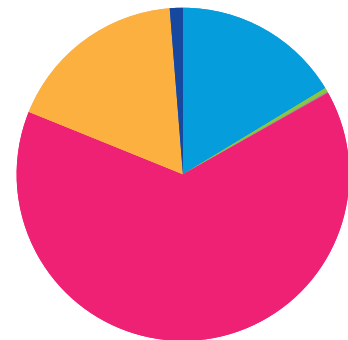
PRODUCT/AREA

2017
YEAR OF
VERIFICATION

ton
UNIT

RESULT

	t CO ₂ e	%
Production of raw materials	0.129	16.35%
Transport of raw material	0.003	0.38%
Internal transport	0.001	0.13%
Steel production	0.507	64.26%
Rod production	0.139	17.62%
Product delivering	0.010	1.27%



0,789 t CO₂e

TOTAL

Not determined

DETERMINATION OF TREND

CFP was analysed by external expert company - Bartucci S.p.A. Materiality of calculation and accordance with ISO norm was verified by CI2. The aim of this certificate is to provide confidence that reported information on footprint represent a faithful, true and fair account of associated GHG emissions. Cradle-to-delivery methodology of CFP was employed in assessment. Steel production represents the most impact of all stages of the LCA of given product (64 %.) Rod production is the second most important part (18 %) and production of raw materials the third significant part (16 %).

DESCRIPTION

16. 2. 2017

DATE

Rudná

PLACE



SIGNATURE