

Self-declared environmental claims

Environmental impacts of transport pallets made from recycled plastics

Manufacturer: Stabilplastik, spol. s r.o.

This self-declared environmental claim is based on the evaluation of environmental impacts of a transport pallet type EUR (800x1200x150 mm; 25 kg) made from recycled plastics by a Stabilplastik company. Environmental Assessment was performed using LCA method and characterized using PEF 3.0 methodology. As a functional unit transport of 1000 kg of cargo was selected. Based on conducted LCA study was concluded that key contribution of the pallet made from recycled plastics to total environmental burden is due following impact categories: Ionizing radiation/human health (34%); climatic change (33%) and Resource use/energy carriers (20%).

We hereby confirm that based on our findings a **plastic transport pallet produced by company Stabilplastik** has in comparison to a standard wooden pallet type EUR

by 74% lower environmental environmental impacts.

Evaluation of environmental impacts of transport pallets (type EUR) made from recycled plastics was based on LCA methodology using recommended values from database of European Platform on Life Cycle Assessment of European Commission.

Evaluation was made by doc. Ing. Vladimír Kočí, Ph.D., MBA, Faculty of environmental technology – University of Chemistry and Technology, Prague, Czech Republic.

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Environmental assessment prepared in line with CSN ISO 14021, CSN EN ISO 14040, CSN EN ISO 14044, CSN ISO 14064 and CSN P CEN ISO/TS 14067.