


Datasheet for UrbanRec Top Layer PU Foam - EUROSPUMA

UrbanRec Top Layer

Product Description	Polyether Viscoelastic Polyurethane 100% PU Foam Main Usage: Top Layer PU Foam for Bedding
Properties	Nominal values
Colour	Brownish Cream
Density	52.50 ± 5.00 kg/m ³
Compression Hardness CV 40%	1.60 ± 0.30 kPa
ILD 40%	60.00 ± 15.00 N
Resilience	< 9.00%
Elongation	> 100.00%
Tensile Strength	> 35.00 kPa
Compression Set at 75%	< 2.00%
Recovery Time	< 2.00 s
Eco-label	OEKO-Tex 
Company	EUROSPUMA www.eurospuma.com
Contact person	Fábio Pinto fpinto@eurospuma.pt

Demonstrator: UrbanRec Top Layer PU Foam



Environmental performance of UrbanRec Top Layer PU Foam

In the LCA analysis:

- the functional unit was 1 tonne of produced polyether viscoelastic polyurethane foam
- the collection of the mixed bulky waste was included (based on the data from IMOG)
- the fragmentation/separation of the mixed bulky waste was included (based on the data from ECOFRAG/VANHEEDE)
- the data on the production process was provided by EUROSPUMA
- for the treatment of waste coming from technological processes, the data from the SimaPro database were used
- the benefits of recycling were taken into account
- the energy mix for Europe without Switzerland was used

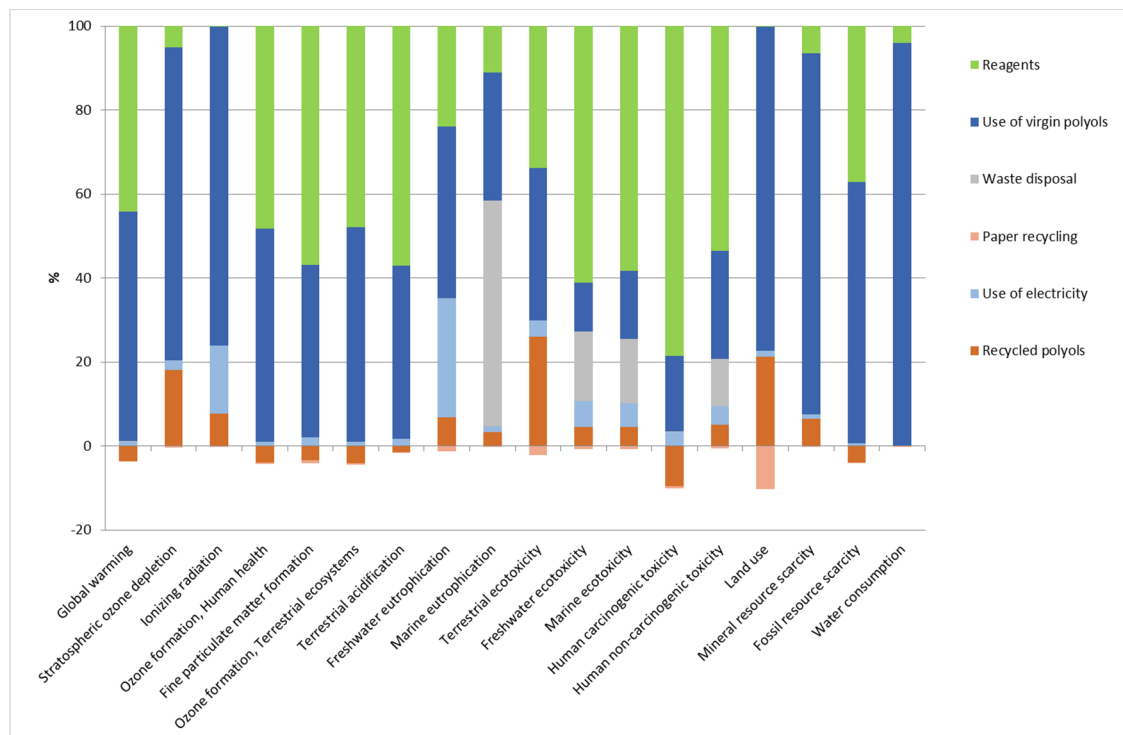


Figure. Results of LCA analysis for 1 tonne of polyether viscoelastic polyurethane foam (UrbanRec Top Layer PU Foam)