

EFFECTIVE HEAT OF COMBUSTION REPORT

The heat of combustion is defined as the energy released when a unit mass of a sample is oxidised completely

Product: **Ourhood, pod, 4802**

Photo:



Total Heat of Combustion **13984 MJ**

Material	Weight [kg]	Heat of Combustion Data ΔH_c [MJ/kg]	Heat of Combustion [MJ]
Chipboard	47,19	18	849
Foam, Polyurethane (PU)	9,22	27	249
Glass	102,92	0	
MDF	107,25	18	1931
OSB	332,10	18	5978
Plastic, Acrylonitrile-butadiene-styrene (ABS)	1,00	36	36
Plastic, Polyamide (PA66)	3,83	22	84
Plastic, Polypropylene (PP)	5,14	46	236
Plywood	69,32	18	1248
Rubber	62,63	40	2505
Soild Wood	39,29	18	707
Steel	35,70	0	
Textile, Nylon	5,37	30	161

Total **821** **13984**