

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: Myhood, singel pod, 4800

Photo:



Total Heat of Combustion **7162 MJ**

Material	Weight [kg]	Heat of Combustion Data ΔH_c [MJ/kg]	Heat of Combustion [MJ]
Chipboard	48,81	18	879
Foam, Polyurethane (PU)	4,78	27	129
Glass	43,34	0	
MDF	34,97	18	629
OSB	172,64	18	3107
Plastic, Acrylonitrile-butadiene-styrene (ABS)	0,50	36	18
Plastic, Polyamide (PA66)	0,38	22	8
Plastic, Polypropylene (PP)	1,41	46	65
Plywood	17,23	18	310
Rubber	29,81	40	1192
Soild Wood	39,29	18	707
Steel	16,98	0	
Textile, Nylon	3,89	30	117
Total	414		7162