

**Acceptance Criteria of Waste Co-Incineration Plant
Hamburger Hungária Ltd.**

EWC-numbers: 19 12 10; 19 12 12

For acceptance and treatment in the facility, the waste must fulfil the following requirements:

Mechanical requirement:

Delivery form:	bulk material	Size	max.	200 mm
		Excess lengths		not permitted
		Fine particles	≤	10 wt %
Bulk density:	min: 100 kg/m ³ , max: 300 kg/m ³ ,	Free water		not permitted
		Consistency		solid

Limited contaminants:

Sum of ceramic, glass, stones	wt %	< 1 %	max size: 30 mm x 30 mm x 10 mm
Magnetizable metals altogether	wt %	< 0 %	
Non magnetizable metals (metallic Al for example foils) altogether	wt %	< 0 %	

The following are to be excluded from the waste delivery:

- Fireworks, explosive, ammunition, radioactive substances, pressurized gas cylinders
- Medicines, paints, solvents, other dangerous waste (e.g. accumulators, battery), waste from healthcare
- Vehicle tires, car parts, white goods
- Stones, earth, construction waste, compact metal parts, big bag, woven bag

Wastes shipped are not contaminated with other species nor contain unlisted chemicals to the extent that would be harmful for the combustion process or cause corrosion and/ or erosion.

Parameter	Unit	Minimum	Maximum
Lower heating value as received	MJ/kg	10,0	28,0
Moisture content	wt %	10	20
The below listed parameters concerning to dry condition:		Minimum	Maximum
Ash content dry	wt %	5	30
Na + K in Ash	wt %		5
The below listed parameters concerning to dry condition:		Median	Maximum
Chlorine (Cl) dry	wt %	0,7	0,8
Sulfur (S) dry	wt %	0,5	0,6
Fluor (F) dry	wt %	0,07	0,1
Phosphor (P)	wt %	0,1	0,25
Antimony (Sb)	mg/kg	25	60
Arsenic (As)	mg/kg	5	13
Lead (Pb)	mg/kg	50	100
Cadmium (Cd)	mg/kg	4	9
Chromium (Cr)	mg/kg	125	250
Cobalt (Co)	mg/kg	6	12
Copper (Cu)	mg/kg	100	150
Manganese (Mn)	mg/kg	250	500
Nickel (Ni)	mg/kg	80	160
Mercury (Hg)	mg/kg	0,3	0,6
Thallium (Tl)	mg/kg	1	2
Vanadium (V)	mg/kg	10	25
Zinc (Zn)	mg/kg	250	500
Tin (Sn)	mg/kg	30	70
PCB (Polychlorinated Biphenyl)	mg/kg		0
PCP (Pentachlorophenol)	mg/kg		0

Hamburger Containerboard

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