

Threshold values for contaminants in "green"-listed wastes established by Member States

A Compilation Document

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1. Austria

Threshold Table for contaminants in green-listed waste

Code	WASTE	Allowed impurities on an average basis in mass %	Allowed impurities in single loads in mass %	Content of pure substance in single loads in mass%
B1010	METAL SCRAP	8 % of non-metallic non-hazardous Impurities	10%	Min. 90% metal
B1010	IRON SCRAP from waste incinerators	From the totally allowed impurities of 8% of non-metallic waste, at max. 5% waste incinerator slag	8% incinerator slag (from the totally allowed 10% of impurities in single loads)	Min 90% metal
B1020	METAL SCRAP	8 % of non-metallic non-hazardous impurities	10%	Min. 90% metal
B1050	HEAVY SHREDDER FRACTION	8 % of non-metallic , non-hazardous impurities	10%	Min. 90% metal
METAL SCRAP on Annex IIIA	METAL SCRAP	8 % of non-metallic non-hazardous impurities	10%	Min. 90% metal
B2020	GLASS	8% of non-hazardous components such as plastic, paper, metal, wood minerals	10%	Min. 90% glass
B3010	PLASTICS	10% of non-hazardous non-plastics including also PVC as impurity	10%	Min. 90% plastic
GH013	PVC	10% of non-hazardous non-plastics	10 %	Min 90% plastic
B3020	PAPER	Carbonless copy paper and carbon paper fractions are NOT GREEN LISTED, but AMBER: AD090		
		MINIMUM METALLIC CONTENT on average basis	MINIMUM METALLIC CONTENT in single loads	
B1100	Aluminium skimmings, excluding salt slag	45%	40,5%	
B1100	Zinc skimmings	45%	40,5%	

2. Belgium

No threshold values established. Decisions are taken on a case-by-case basis.

3. Bulgaria

No information available.

4. Croatia

The following criteria for the classification of 'green'-listed wastes are prescribed in the Croatian Ordinance on Waste Catalogue (Official Gazette no. 90/15).

Remark: all specific percentages of hazardous substances or allowed constituents should be understood as percentage by weight.

Dispersed waste means waste with particles smaller than 100 µm.

Thresholds according to substance contained in waste

The substance contained in waste		Thresholds when waste has to be classified as Amber listed waste or not classified waste
Heavy metals and heavy metal compounds	Mercury and mercury compounds	> 0
	Nickel in dispersible form	1%
	Nickel oxides	0,1%
	Beryllium oxides	0,1%
	Cadmium oxides and compounds	0,1%
	Lead compounds	0,5%
Persistent organic pollutants (POP)	PCB/PCT	0,005%
	PCDD/PCDF	15 µg TEQ/kg
	Other POP compounds	0,005%
Hydrocarbons (e.g. mineral oils)		1%

Thresholds according to impurities in each type of waste

Waste code	Waste description	Impurities in waste	Thresholds when waste has to be classified as Amber listed waste or not classified waste
B1010	Iron and steel waste	Non-hazardous non-metallic substances that do not influence recovery procedures	8% (single batches 10%)
	Iron and steel waste from the incineration facilities	Slag from waste incineration	5% (single batches 8%)
B1050	Mixed non-ferrous metal waste, heavy fraction	Non-hazardous non-metallic substances that do not influence recovery procedures	8% (single batches 10%)
B1090	Waste batteries	All batteries are classified as waste subject to the notification procedure	
B1100	Hard metal zinc	-	Content of metal zinc less than 45% (single batches less than 40,5%)
	Zinc skim		
	Aluminum shavings and skim	-	Content of metal aluminum less than 45% (single batches less than 40,5%)
B2020	Waste glass	Non-hazardous, undesirable admixtures that do not influence recovery procedures (plastics, metal, paper, wood, minerals etc.)	5%
B2130	Bituminous material (asphalt waste), not containing tar	Benzopyrene	50 mg/kg dry matter
		PAHs	300 mg/kg dry matter
B3010; Mixtures listed under code B3010	Waste plastic	Non-hazardous, undesirable admixtures that do not influence recovery procedures	5%
GH013	Polymers of vinyl chloride	Non-hazardous, undesirable admixtures or other types of Green listed waste	5%
B3020; Mixtures listed under code B3020	Waste paper and cardboard	Non-hazardous, undesirable admixtures that do not influence recovery procedures	2%
B4030	Used single use cameras	Batteries	All batteries are classified as waste subject to the notification procedure

5. Cyprus

No information available.

6. Czech Republic

No information available.

7. Denmark

Green-listed waste	Threshold value of contaminants
B1010	For B1010 Metal and metal-alloy wastes in metallic, non-dispersible form without significant contamination, i.e. no more than 5% contaminants (estimated mass). Contamination may not be in the form of hazardous waste. Note that the percentage limit is for guidance purposes only. For ferrous metals removed from bottom ash may have a maximum of 3% slag.
B1050	For B1050 Mixed non-ferrous metals, heavy fraction scrap, and mixtures of metal and wastes from shredding not containing other materials in concentrations sufficient to warrant hazardous classification. The mixed non-ferrous metals may not be contaminated by more than 10% (estimated mass) with, for example, plastic, soil and wood. Contamination may not be in the form of hazardous waste. Note that the percentage limit is for guidance purposes only.

8. Estonia

No information available.

9. Finland

No official values are established. General limit for allowed impurities is 10 % of weight.

10. France

No information available.

11. Germany

No threshold values established; decisions on a case-by-case basis.

12. Greece

No information available.

13. Hungary

No information available.

14. Ireland

No information available.

15. Italy

No information available.

16. Latvia

No official threshold values established. Decisions are taken on a case-by-case basis.

17. Lithuania

No information available.

18. Luxembourg

No information available.

19. Malta

No information available.

20. Netherlands

Green-listed waste	Threshold value of contaminants
B3020	<ul style="list-style-type: none">– max. 2% w/w other materials– may not contain any hazardous substance– is stripped of food residues / organic material, burned paper– moisture in paper max 12%
B3010	<ul style="list-style-type: none">– max. 2% w/w other materials, including PVC;– may not contain any hazardous substance
GH013	<ul style="list-style-type: none">– max. 2% w/w other materials, including non-PVC plastics– may not contain any hazardous substance
B1010, B1050	<p>max. 10% w/w other materials;</p> <p><u>B1010 and B1050</u> may not contain:</p> <ul style="list-style-type: none">(a) explosives like ammunition, blasting materials, sealed gas cylinders;(b) radioactive substances, nuclear fuels and ores as mentioned in the Nuclear Power act;(c) hazardous substances with exception of adhering oil which may contain max. 0.5 mg/kg PCB per congener 28, 52, 101, 118, 138, 153 or 180; <p><u>B1010 and B1050</u> is as much as possible stripped of:</p> <ul style="list-style-type: none">(a) PVC derived from cables and from electrical or electronic equipment;(b) CFK containing PUR foam;(c) electrical and electronic devices unless they consists of 100% iron or steel;(d) tar-mastic;(e) not completely emptied packaging;(f) refrigerants
<p>For the relevant policy rule (in Dutch), click here.</p>	

21. Poland

No information available.

22. Portugal

No information available.

23. Romania

No information available.

24. Slovakia

Slovakia does not have any national limits for substances that make the difference between Green listed and Amber listed wastes.

25. Slovenia

No official values established.

26. Spain

No information available.

27. Sweden

No information available.

28. United Kingdom

No information available.

29. EFTA countries

No information available.