



SCRAP CLASSIFICATION AT PMN BOBREK NON-FERROUS METALS

CLASS	FORM	REQUIREMENTS /Comments
Aluminium power cable	Aluminium used in electrical applications as thick wires. Sometimes supplied as thin wires wound around a main thick core (free from insulation)	The core wrapped in thin wires must be made from a non-magnetic material and its thickness must be at least 4-5mm. May not contain any other metals or contaminants
Aluminium wire and ropes	Aluminium used in electrical applications as stranded wires (free from insulation with an oxidized or contaminated surface)	May not contain steel (e.g. joints). Ensure that none of the wires is made from steel. May not contain contaminants. May darken due to wear
„White” wrought aluminium	Aluminium used in the construction industry, e.g. for windows, doors. Sections that are machined (e.g. with right angles). This class includes various types of angle sections, T-sections, etc.	May not be painted, contain other metals (e.g. steel bolts) or contaminants
Aluminium coloured profiles	Aluminium used in the construction industry, e.g. for windows, doors. Sections that are machined (e.g. with right angles). This class includes various types of angle sections, T-sections, etc.	Painted or anodized aluminium, may not contain other contaminants or other metals (such as steel bolts)
Offset aluminium	Aluminium printing plates (known as offset aluminium) – plates with inked images used in printing	May not contain steel fragments or paper
Aluminium wheel (rim)	Hubcaps from various vehicles	May not contain other metals, such as lead weights, valve stems or other contaminants
Household aluminium	All types of pots, bowls, aluminium cutlery, plain and checker plates, etc.	Must be in the aluminium colour. May not contain steel, plastics or other contaminants
Mg aluminium plates (sheet)	Plain or checker plates	Must be in the aluminium colour. Mg content > 0.5%
Wrought aluminium	Products obtained as a result of forming processes, such as wires, rods, bars, pipes, profiles, forged components (excluding components listed in the above classes), painted pots and bowls, etc.	May not contain other metals
Cast aluminium	This class includes various cast aluminium components, usually engine blocks or housings of other devices, but also handles, knobs.	May not contain cast components from other metals (e.g. magnesium castings). The total weight of other metals durably joined to the aluminium cast products may not exceed 2% *Magnesium casting – has a similar appearance but is darker than a standard casting. It is also lighter than a standard casting, Produces an intense shower of sparks in contact with a grinding wheel. Also produces sparks in contact with fire, e.g. a lighter flame
Aluminium pistons	Pistons used in combustion engines. This class of scrap is usually contaminated with oil, grease	It is assumed as a standard that contaminants (grease, oils, etc.) represent 2% of scrap weight
Aluminium chips	Small pieces treated as waste matter, by-products of aluminium machining	May contain other metals, are contaminated with coolants used in machining processes

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