

3000 Series Aluminium Scrap

Neutral Technical Reference | Scrap Classification & Commercial Sorting

Prepared as an initial reference for CELEBIOGLU TRADE website use. No producer or recycler brand is represented.

Series overview

Aluminium-manganese alloy family with moderate strength and good formability.

Topic	Reference
Alloying emphasis	Manganese is the main alloying addition.
Typical applications	Building sheet, roofing, cladding, heat exchangers, beverage cans and general formed products.
Typical scrap sources	Sheet trim, can-related scrap, HVAC and heat-exchanger fabrication scrap, architectural offcuts.

Sorting and segregation guidance

Separate painted/coated material when required by the buyer. Avoid mixing with high-Mg and high-Cu families.

Commercial acceptance points

- Baled or loose form, coating level and contamination percentage should be specified before quotation.
- Agree form before shipment: loose, baled, bundled, shredded, turnings/chips, profile offcuts or production returns.
- Define maximum non-aluminium attachments and foreign material such as steel, plastics, rubber, glass, oil, dirt and moisture.
- For chips/turnings, specify dryness, oil content, particle size and packaging because these directly affect recovery and safety.
- Use photos, representative samples, PMI/XRF where appropriate, and a written acceptance specification before commercial commitment.

Safety and logistics

- Keep scrap dry, especially before remelting. Moisture can create a severe explosion hazard when charged into molten aluminium.
- Sharp edges, unstable bundles and heavy packages require suitable handling equipment and PPE.
- Fine chips and dust require additional housekeeping and fire-risk controls.

This document is a neutral commercial/technical reference for scrap classification. It is not a purchase specification, inspection certificate, SDS, waste classification, customs ruling or legal acceptance standard. Final acceptance criteria must be agreed with the buyer and supplying party.