



TECHNICAL DATA SHEET – PPWR

Packaging material: Rani FFS Dry

Supplier compliance summary based on documentation from Ab Rani Plast Oy

1. Product and supplier identification

Supplier	Ab Rani Plast Oy
Address	Tehtaantie 6, 68700 Teerijärvi, Finland
Product	Rani FFS Dry
Description	Form-Fill-Seal (FFS) polyethylene film for bedding and moisture absorbers
Intended contact	Non-food contact packaging
Regulatory framework	Regulation (EU) 2025/40 on packaging and packaging waste (PPWR)

2. Material composition

Base polymer: Polyethylene (LDPE / LLDPE / HDPE).

Additives may include processing aids, colorants, antistatic additives, UV stabilisers and slip/antiblock additives.

The supplier statement does not indicate post-consumer recycled content (PCR) for this product.

3. Substances in packaging – PPWR Article 5

The supplier states that the packaging material complies with the PPWR requirements for substances in packaging. For lead (Pb), cadmium (Cd), mercury (Hg) and hexavalent chromium (Cr VI), the combined total concentration is stated to be ≤ 100 mg/kg (100 ppm).

Rani Plast reports regular heavy-metal testing several times per year by an accredited laboratory. The stated analytical procedure uses acid digestion followed by ICP-MS quantification in accordance with U.S. EPA Method 3052. According to the supplier, results have consistently remained below the 100 mg/kg PPWR limit.

The supplier further states that no substances restricted under applicable EU legislation are intentionally added above permitted limits. Compliance is supported by supplier declarations, internal controls and cooperation with approved raw-material suppliers.

4. PFAS / food-contact status

Rani FFS Dry is declared as non-food-contact packaging. Therefore, the food-contact compliance section and the supplier's PFAS declaration for food-contact applications are marked as not applicable to this product.

Note: PPWR Article 5 contains specific PFAS concentration limits for food-contact packaging from 12 August 2026. These limits are not treated here as a product claim for Rani FFS Dry because the supplied statement identifies the product as non-food contact.

5. Recyclability – PPWR Article 6

The supplier declares the material to be designed for recyclability in accordance with EN 13430. This supports the PPWR recyclability objective, while final PPWR conformity depends on the applicable design-for-recycling criteria, collection/sorting conditions and other requirements relevant when the packaging is placed on the market.

6. Packaging minimisation

The supplier states that the material is minimised in accordance with EN 13428:2004 while maintaining required performance. This information is relevant to PPWR requirements concerning packaging minimisation, but the final assessment must be made for the complete packaging/application placed on the market.

7. Traceability and quality control

Rani Plast states that comprehensive production records are maintained from incoming raw materials to finished products. Materials are sourced from multiple approved suppliers and accepted on the basis of delivery documentation before being assigned to designated storage locations.

Each production batch is assigned a unique batch number, enabling traceability throughout the manufacturing chain and visibility of material flow.

8. Compliance evidence / documentation status

Heavy metals	Supplier testing: acid digestion + ICP-MS; stated results consistently < 100 mg/kg combined Pb/Cd/Hg/Cr VI
Recyclability	Supplier declaration: designed for recyclability according to EN 13430
Minimisation	Supplier declaration: minimised according to EN 13428:2004
Traceability	Unique production batch number and documented material flow
Food contact	Not applicable for Rani FFS Dry as supplied
Document status	Supplier compliance information; not a Declaration of Conformity (DoC)

9. Important responsibility statement

This technical data sheet is a summary of supplier documentation and does not itself constitute a PPWR Declaration of Conformity. The economic operator placing the final packaging on the market remains responsible for determining and documenting compliance with all applicable PPWR requirements for the final packaging and its intended use.

10. Source documents

- Ab Rani Plast Oy – Heavy metal testing procedure, signed 1 June 2026.
- Ab Rani Plast Oy – Supplier Compliance Statement – Packaging Material (PPWR & Food Contact), Rani FFS Dry, signed 2 July 2026.
- Regulation (EU) 2025/40 (PPWR), including Article 5 (substances in packaging) and Article 6 (recyclable packaging).