

Soft Plastic Conditional Criteria Submission Form

Section A - Declaration of Compatibility Pathway (Conditions 1-3)

I confirm that the submitted structure complies with one or more of the pre-approved soft plastic conditions for recyclability.

(Please tick all that apply and attach the required documentation):

- ☐ **Condition 1:** Coextruded PE/PA with $\leq 30\%$ PA and specified PE-g-MAH tie layer and/or compatibilizer.
- ☐ **Condition 2:** Coextruded PE/PA/EVOH with $\leq 30\%$ PA, $\leq 5\%$ EVOH and appropriate tie layers.
- ☐ **Condition 3:** Laminated PE/PA structure with $\leq 23\%$ PA and ≥ 3.43 wt% PE-g-MAH in total film.

Section B - Required Attachments

To enable a full desktop evaluation against Conditions 1, 2, or 3 of the Soft Plastic Recyclability Criteria, please provide:

- ☐ Technical datasheet with full layer breakdown
 - Layer-by-layer structure description (from outer to inner layer)
 - Function of each layer (e.g., barrier, sealant, tie)
 - Material type and grade per layer (e.g., LDPE, PA6, EVOH, adhesive, compatibilizer)
 - Layer thickness (μm or %) or weight contribution per layer
 - Cross-sectional schematic (strongly recommended)
- ☐ Material composition showing:
 - % Polyamide content ($\leq 30\%$ for coex / $\leq 23\%$ for lamination)
 - % EVOH content (if applicable, must be $\leq 5\%$ of total structure)
 - % and placement of PE-g-MAH compatibilizer
 - Compatibilizer dosage expressed as g/g PA or % of total film (e.g., ≥ 0.5 g/g for tie, ≥ 0.15 g/g in outer PE layer)
 - Cumulative polymer composition table (PE, PA, EVOH, compatibilizer, adhesive)
- ☐ Confirmed tie layer for PA/PE interface (if coex)
 - Clarify whether compatibilizer is in direct interface (1A/2A) or outer PE layer (1B/2B)
 - Provide dosage levels and supporting datasheets or supplier declarations
 - Tie Layer Confirmation (for Coextruded Structures)
 - Name and Technical datasheet or SDS of tie layer resin used (e.g., PE-g-MAH resin)
 - It is a PE-grafted maleic anhydride resin
 - Specified for use in PE/PA coextrusion
 - Grafting density or compatibility declaration (e.g., >0.5 g/g PA)
 - Placement of compatibilizer (i.e., in tie layer or outer PE layer)

Section C - Confidentiality

All submitted documents must:

- Be in English.
- Be signed and clearly identify the material and structure.
- Include confidential annexes if necessary (under NDA), especially for proprietary compatibilizer or adhesive systems.