

Bales Characterization Guidelines: PP Films

Version: 1.0 – Date 30/11/2017

These guidelines are not made to replace the existing specifications which have been contractually agreed. They are made to provide an information benchmark to suppliers of any collected waste. The conformity of this characterization will be checked according to agreed quality check procedure. All sorted PP products are advised to be checked upon their recyclability according to the PRE Design for Recycling Guidelines.

Characteristics	Description
Resin	<i>Indicate the type of targeted resin (see glossary)</i>
Product & thickness	<i>Indicate the type of product & thickness (see glossary)</i>
Origin	<i>Indicate the origin of the waste (see glossary)</i>
Source	<i>Indicate the market stream of the waste (see glossary)</i>
Colour	<i>Indicate colour (see glossary)</i>
PP content (min %)	<i>Indicate the minimum content of PP</i>
Impurities	
Impurities content (max %)	<i>Indicate the total maximum content</i>
Metals (max %)	<i>Indicate the maximum content</i>
Paper (max %)	<i>Indicate the maximum content</i>
PVC (max %)	<i>Indicate the maximum content</i>
PE-LD (max %)	<i>Indicate the maximum content</i>
PE-HD (max %)	<i>Indicate the maximum content</i>
PE-LLD (max %)	<i>Indicate the maximum content</i>
Other plastics (max %)	<i>Indicate the maximum content</i>
Other impurities (max %)	<i>Indicate the maximum content</i>
Prohibited Impurities	Hazardous waste, Medical waste, Glass, Minerals, Oxo- or biodegradable material, Food contamination, Silicone, EPS & PUR
Moisture (max %)	<i>Indicate the maximum content</i>
Transport	Stable and stackable bales
Transport/contract documents	The documents will be provided with the bales
Truck load (min, tonne)	
Supplier's information	
Company name	
Company address	
Additional sorting information	
Date	

Disclaimer: PRE will not be responsible for any legal action potentially related to the quality and authenticity declared in this document. The contractual parties must be in compliance with all the existing legislations.

Glossary

- **Resin:** EPS, Mixed polyolefins, PE-HD, PE-LD, PE-LLD, PE-M, PET, PP, PS, PVC, Other Thermoplastics, Others.
- **Product:** Stretch film ($< 20\mu\text{m}$), Shrink film ($< 20\mu\text{m}$), Pellet covers ($20\mu\text{m} < x < 90\mu\text{m}$), Thin film ($< 90\mu\text{m}$), Thick film ($> 90\mu\text{m}$).
- **Origin:** Commercial & Industrial Waste, Commercial packaging waste, ELV incl. ASR (Auto-Shredder Residue), Municipal waste, Other recycling systems.
- **Source:** Agriculture, Automotive, Building & Construction, "Housewares, Leisure, Sports etc", Others, Packaging – Household, Packaging - Transport & Industry, WEEE.
- **Colour:**
 - Transparent natural share versus coloured: 98/2%, 90/10%, 80/20%, 70/30%, 60/40% and 50/50%, 40/50%, 30/70%, 20/80%, 10/90% & 2/98%.
 - Black or white farm film
- **Impurities content:** the impurities content is the sum of all the unwanted impurities.
- **Prohibited Impurities:** the listed prohibited impurities should not be present in the bales.