

Stewardship Ontario MRF Material Composition Study – Material Categories

Commodity	Material Category	Description / Examples
<ul style="list-style-type: none"> - ONP #8 - ONP #6 - OCC/OBB Mix (Hardpack) - Residential Mixed Papers - Mixed Fibres 	Newspaper and Inserts	Daily and weekly newspapers, community newspapers, free newspapers and other newsprint publications. E.g. Globe and Mail, Star, Metro, Auto Trader, Condo Living, Real Estate News. Includes flyers and advertising distributed with newspapers.
	Magazines & Catalogues	Glossy magazines, catalogues, calendars, annual reports (must be bound, i.e. stapled or glued).
	Telephone Books / Directories	Telephone books and other directories such as the Yellow Pages.
	Other Printed Paper (Obligated)	Mixed fine paper and bills and statements, ad mail, etc. Includes non-newsprint flyers and advertising.
	Other Printed Paper (Non-Obligated)	Writing paper, office paper, soft or hard covered books
	Corrugated Cardboard	Includes micro-flute corrugated containers, pizza boxes, waxed corrugated containers, electronic product boxes such as television and computer boxes, boxes used to direct mail for residential consumers. Kraft paper bags and wrap, grocery or retail bags, potato bags, some pet food bags, includes brown, white, and coloured kraft paper and bags. No bags with bonded plastic or foil liners/layers/coatings.
	Boxboard / Cores/Molded Pulp	Boxboard, paperboard, cereal box, shoe box, frozen food box, cores from toilet paper/ toweling/gift wrap, etc. Includes wet-strength boxboard, fast food, ice cream boxes, cartons such as fry/onion ring boxes and paper plates. Molded pulp packaging such as egg cartons, drink trays, other trays, molded pulp flower pots/trays, etc.
	Gable Top Containers	Polycoat containers with a gable shaped top, milk and milk substitutes like soy, almond and rice milk, juices, some foods, sugar, molasses etc.
	Aseptic Containers	Polycoat fibre and foil containers (e.g. Tetra Pak) for soy, almond and rice milk, juice boxes, water, wine and other spirits, soup, sauces etc.
	Polycoat Cups	Hot beverage/food containers, with polycoat on inside only, including coffee cups, soup cups/bowls, chili cups etc. (excludes fountain drink cups) and Cold beverage/food containers with polycoat on both sides including fountain drinks, take-out ice cream cups.
	Spiral Wound Containers	Polycoat or paper containers with steel bottoms include chip containers, frozen concentrate juices, pre-packaged cookie dough, etc. May also have foil and/or plastic on ends.
	Ice Cream Containers and Other Bleached Long Polycoat Fibre	Polycoated paper ice cream containers, typically with a lid, excluding boxboard folded ice cream boxes. Food containers with white fibre and a rolled or folded rim, includes Michelina's frozen food, KFC tubs.
	Paper Laminates	Paper with aluminum foil, paper with plastic, multi-layered paper - Includes microwave popcorn bags, some cookie bags, gift wrap, dog food bags, paper granola bar wrappers, etc.
	Other Accepted Recyclables	All other typically accepted recyclable materials in Ontario BB Programs, plastic containers, film plastic, steel & aluminum containers, glass food & beverage containers)
Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.	

Commodity	Material Category	Description / Examples
- Polycoat Containers	Gable Top Containers	Polycoat containers with a gable shaped top, milk and milk substitutes like soy, almond and rice milk, juices, some foods, sugar, molasses etc.
	Aseptic Containers	Polycoat fibre and foil containers (e.g. Tetra Pak) for soy, almond and rice milk, juice boxes, water, wine and other spirits, soup, sauces etc.
	Polycoat Cups	Hot beverage/food containers, with polycoat on inside only, including coffee cups, soup cups/bowls, chili cups etc. (excludes fountain drink cups) and Cold beverage/food containers with polycoat on both sides including fountain drinks, take-out ice cream cups.
	Spiral Wound Containers	Polycoat or paper containers with steel bottoms including chip containers, frozen concentrate juices, pre-packaged cookie dough, etc. May also have foil and/or plastic on ends.
	Ice Cream Containers and Other Bleached Long Polycoat Fibre	Polycoated paper ice cream containers, typically with a lid, excluding boxboard folded ice cream boxes. Food containers with white fibre and a rolled or folded rim, includes Michelina's frozen food, KFC tubs.
	Paper Laminates	Paper with aluminum foil, paper with plastic, multi-layered paper - Includes microwave popcorn bags, some cookie bags, gift wrap, dog food bags, paper granola bar wrappers, etc.
	Other Accepted Recyclables	All other typically accepted recyclable materials in Ontario BB Programs (printed paper and paper packaging, plastic containers, film plastic, steel & aluminum containers, glass food & beverage containers)
	Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.
- Mixed Plastics - Tubs & Lids (#2, #4, & #5) - PET Bottles (#1) - HDPE (#2) - Film Plastic	#1 PET Bottles and Jars	#1 plastic bottles and jars including pop, juice, liquor, cooking oil, honey, dish soap, etc.
	#1 PET Thermoform - Clear	#1 clamshells, #1 egg cartons, #1 trays, #1 blister packaging, etc.
	#1 PET Thermoform - Coloured	Coloured PET microwaveable trays, etc.
	#2 HDPE Bottles and Jugs	#2 plastic bottles and jugs, juice, milk, laundry soap, shampoo, windshield washer fluid, etc.
	#2 Other HDPE Containers	Other #2 containers such as margarine and yogurt containers made from HDPE
	Flexible Film Plastic – LDPE & HDPE	HDPE & LDPE film, dry cleaning bags, bread bags, frozen food bags, milk bags, toilet paper and paper towel over-wrap, lawn seed bags, grocery and retail carry-out bags Non-packaging HDPE & LDPE film (e.g. kitchen catchers, sandwich and freezer bags, etc.) goes in Other Material.
	#5 PP Bottles	# 5 plastic bottles includes nutritional supplement drinks, shampoos, etc.
	#5 Other PP Containers	# 5 containers such as margarine and yogurt containers and other containers made from PP, including tubs and lids with resin codes #5 PP
	#6 PS - Expanded Polystyrene	# 6 Foam take-out containers such as drink cups, large, white packaging foam, meat trays, etc.
	#6 PS - Non-expanded Polystyrene	#6 Polystyrene clear clamshell containers such as berry and muffin containers, opaque clamshell containers such as food take-out containers, yogurt containers, rigid trays, small milk or cream containers for hot beverages, cold drink cups.
	Plastic Laminates and Other Film Packaging	Laminated plastic film and bags that are at least 85% plastic (by weight). Includes chip bags, vacuum sealed bags, cereal liners, candy wraps, pasta bags, boil in a bag, plastic based food pouches, etc.
	Other Rigid Plastic Packaging (#3, #4 & #7)	Other rigid containers (#3, #4 & #7), non-PET blister packaging, unmarked/coded packaging, plant pots and trays, pails, etc.
	Other Accepted Recyclables	All other typically accepted recyclable materials in Ontario BB Programs (printed paper, paper packaging, steel & aluminum containers, glass food & beverage containers)
Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.	

Stewardship Ontario MRF Material Composition Study – Waste Sort Log

Municipality: _____

Date: _____

Each sample should be sorted separately into the material categories for that commodity.

Commodity (e.g. ONP #8): _____

Total Weight of Sample (kg) _____

Commodity	Material Category	Net Weight (kg)*	Notes**
<ul style="list-style-type: none"> - ONP #8 - ONP #6 - OCC/OBB Mix (Hardpack) - Residential Mixed Papers - Mixed Fibres 	Newspaper and Inserts		
	Magazines & Catalogues		
	Telephone Books / Directories		
	Other Printed Paper (Obligated)		
	Other Printed Paper (Non-Obligated)		
	Corrugated Cardboard		
	Boxboard / Cores/Molded Pulp		
	Gable Top Containers		
	Aseptic Containers		
	Polycoat Cups		
	Spiral Wound Containers		
	Ice Cream Containers and Other Bleached Long Polycoat Fibre		
	Paper Laminates		
	Other Accepted Recyclables		
Other Material			
<ul style="list-style-type: none"> - Polycoat Containers 	Gable Top Containers		
	Aseptic Containers		
	Polycoat Cups		
	Spiral Wound Containers		
	Ice Cream Containers and Other Bleached Long Polycoat Fibre		
	Paper Laminates		
	Other Accepted Recyclables		
<ul style="list-style-type: none"> - Mixed Plastics - Tubs & Lids (#2, #4, & #5) - PET Bottles (#1) - HDPE (#2) - Film Plastic 	#1 PET Bottles and Jars		
	#1 PET Thermoform - Clear		
	#1 PET Thermoform - Coloured		
	#2 HDPE Bottles and Jugs		
	#2 Other HDPE Containers		
	Flexible Film Plastic – LDPE & HDPE		
	#5 PP Bottles		
	#5 Other PP Containers		
	#6 PS - Expanded Polystyrene		
	#6 PS - Non-expanded Polystyrene		
	Plastic Laminates and Other Film Packaging		
	Other Rigid Plastic Packaging (#3, #4 & #7)		
	Other Accepted Recyclables		
	Other Material		
<ul style="list-style-type: none"> - Aluminum (Cans, Containers, Aerosols, Foil) 	Aluminum Food & Beverage Cans		
	Aluminum Foil & Foil Trays		
	Aluminum Aerosols		
	Other Accepted Recyclables		
	Other Material		
<ul style="list-style-type: none"> - Steel (Cans, Containers, Aerosols) 	Steel Food and Beverage Cans		
	Steel Aerosol Container		
	Steel Paint Cans		
	Other Accepted Recyclables		
	Other Material		
<ul style="list-style-type: none"> - Residue 	Printed Paper		
	Composite Paper Packaging		
	Cardboard/ Boxboard /Cores/Kraft Paper Packaging		
	Other Laminate Paper Packaging		
	Rigid Plastic Packaging		
	#2 LDPE/HDPE Plastic Film		
	Plastic Laminates and Other Film Packaging		
	Aluminum Packaging		
	Steel Packaging		
Other Material			

Commodity	Material Category	Description / Examples
- Aluminum (Cans, Containers, Aerosols, Foil)	Aluminum Food & Beverage Cans	Soft drinks, soda, juice, beer cans, certain brands of sardines and cat food, etc.
	Aluminum Foil & Foil Trays	Aluminum foil wrap, pie plates, baking trays, etc.
	Aluminum Aerosols	Aluminum aerosol containers, hair products, etc.
	Other Accepted Recyclables	All other typically accepted recyclable materials in Ontario BB Programs (printed paper, paper packaging, plastic containers and plastic film, steel containers, glass food & beverage containers)
	Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.
- Steel (Cans, Containers, Aerosols)	Steel Food and Beverage Cans	Apple juice, soup beans, peaches cans, etc.
	Steel Aerosol Container	Empty spray paint cans, cooking oil, whipped cream, etc.
	Steel Paint Cans	Empty paint cans. No steel aerosol cans
	Other Accepted Recyclables	All other typically accepted recyclable materials in Ontario BB Programs (printed paper, paper packaging, plastic containers and plastic film, aluminum containers, glass food & beverage containers)
	Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.
- Residue	Printed Paper	Newspaper and Inserts, Magazines & Catalogues, Telephone Books / Directories, Other Printed Paper (both Obligated and Non-Obligated)
	Composite Paper Packaging	Gable Top Containers, Aseptic Containers, Polycoat cups, Spiral Wound Containers, Ice Cream Containers and Other Bleached Long Polycoat Fibre
	Cardboard/ Boxboard /Cores/Kraft Paper Packaging	Kraft Paper, Corrugated Cardboard, Boxboard/Cores, Molded Pulp
	Other Laminate Paper Packaging	Paper with aluminum foil, paper with plastic, multi-layered paper - Includes microwave popcorn bags, some cookie bags, gift wrap, dog food bags, paper granola bar wrappers, etc.
	Rigid Plastic Packaging	#1 PET Bottles and Jars, #1 PET Thermoform – Clear, #1 PET Thermoform – Coloured, #2 HDPE Bottles and Jugs, #2 Other HDPE Containers, #5 PP Bottles, #5 Other PP Containers, #6 PS - Expanded Polystyrene, #6 PS - Non-expanded Polystyrene, Other rigid containers (#3, #4 & #7), non-PET blister packaging, unmarked/coded packaging, plant pots and trays, pails, etc.
	#2 LDPE/HDPE Plastic Film	HDPE & LDPE film, dry cleaning bags, bread bags, frozen food bags, milk bags, toilet paper and paper towel over-wrap, lawn seed bags, grocery and retail carry-out bags Non-packaging HDPE & LDPE film (e.g. kitchen catchers, sandwich and freezer bags, etc.) goes in Other Material.
	Plastic Laminates and Other Film Packaging	Laminated plastic film and bags that are at least 85% plastic (by weight). Includes chip bags, vacuum sealed bags, cereal liners, candy wraps, pasta bags, boil in a bag, plastic based food pouches, etc.
	Aluminum Packaging	Aluminum Food & Beverage Cans, Aluminum Foil & Foil Trays, Aluminum Aerosols
	Steel Packaging	Steel Food and Beverage Cans, Steel Aerosol Containers, Steel Paint Cans
	Other Material	All other material not listed above and other prohibited material not typically accepted in Ontario BB Programs.