

Recommendation for Pyrolysis Plant Raw Material

Description	Common Examples	Guideline
PET (Polyethylene terephthalate)	Plastic Bottles for Soda and Water, Microwave Food Trays, Some of Textiles	Less than 5% , uniformly mixed with rest of the raw material.
HDPE (High-density polyethylene), PE (polyethylene)	Plastic Bags, Milk Jugs, Detergent Bottles, Cosmetic Bottles, Watering cans, Corrosion protection for steel pipelines, Folding chairs, Folding tables, Heat resistant fireworks display mortars, Hula hoops Meter & Valve Boxes, Natural gas distribution pipe systems, Plastic bags, Plastic lumber, Plastic surgery applications (skeletal and facial reconstruction), Portable basketball system bases	Recommended
PVC (Polyvinyl chloride)	Shrink Wrap, Pipe, Siding, Blister Packs, Laminate Flooring	Less than 5% , uniformly mixed with rest of the raw material.
LDPE (Low Density Polyethylene) , LLDPE (Linear Low Density Polyethylene)	Bags for Dry Cleaning and Produce, Stretch Wrap, Wire Coverings	Recommended
PP (Polypropylene)	Bottle Caps, Appliances, Automotive Parts, Computer Parts	Recommended
PS (Polystyrene)	Cutlery, Cups, CD Cases, Packing Peanuts, Food Containers, Styrofoam	Recommended
Agricultural Waste	Any Agricultural Waste	Not Recommended
Road Waste	Any Road Waste	Tolerance: 5% of dust + 5% moisture
Tires/Rubber	Vehicle tyres, rubber parts of vehicle, bushes etc	Whole tyres or remove Steel wires before processing.