








Composition: Source Plastics

Many types of plastic are recycled; however, not all recycled plastics are suitable for plastic lumber. The highest quality plastic lumber utilizes #2 HDPE—high-density polyethylene.

Recycling Number	Alternate Image	Abbreviation	Polymer Name	Uses
1		PETE or PET	Polyethylene terephthalate	Polyester fibers, thermoformed sheet, strapping, and soft drink bottles
2		HDPE	High-density polyethylene	Bottles, grocery bags, milk jugs, recycling bins, agricultural pipe, base cups, car stops, playground equipment, and plastic lumber
3		PVC or V	Polyvinyl chloride	Pipe, fencing, shower curtains, lawn chairs, and non-food bottles
4		LDPE	Low-density polyethylene	Plastic bags, six-pack rings, various containers, dispensing bottles, wash bottles, tubing, and various molded laboratory equipment
5		PP	Polypropylene	Auto parts, industrial fibers, food containers, and dishware
6		PS	Polystyrene	Desk accessories, cafeteria trays, plastic utensils, toys, video cassettes and cases, clamshell containers, packaging peanuts, and insulation board and other
7		OTHER or O	Other plastics, including acrylic, acrylonitrile butadiene styrene, fiberglass, nylon, polycarbonate, and polylactic acid	Bottles, plastic lumber applications, headlight lenses, and safety shields/glasses