

# PLASTIC DENSITY TABLE

Resin ID Code	Name	Density (g/mL)	Uses
<b>Plastics</b>			
1	<b>PETE</b> Polyethylene terephthalate	1.38-1.39	Soft drink and water bottles, peanut butter containers, salad dressing and vegetable oil containers
2	<b>HDPE</b> High-density polyethylene	0.95-0.96	Milk jugs, detergents, household cleaners, motor oil containers, some garbage bags, butter and yogurt tubs
3	<b>PVC</b> Polyvinyl chloride	1.16-1.45	Clear food packaging, medical equipment, siding, piping, windows, shampoo bottles
4	<b>LDPE</b> Low-density polyethylene	0.92-0.94	Squeezable bottles, various bags (for bread, frozen food, shopping and dry cleaning), clothing, furniture
5	<b>PP</b> Polypropylene	0.90-0.91	Syrup bottles, ketchup bottles, caps, straws, medicine bottles
6	<b>PS</b> Polystyrene (two kinds)	0.020-1.07	CD cases, meat trays, egg cartons, disposable plates and cups
7	<b>Other</b> Many kinds	Varies	DVD cases, iPod packaging, signs and displays, nylons
<b>Other Substances</b>			
	Fresh Water	1.00	
	Sea Water	1.03	

# PLASTIC DENSITY TABLE KEY

Resin ID Code	Name	Density (g/mL)	Uses	Where in the Water Column
<b>Plastics</b>				
1	<b>PETE</b> Polyethylene terephthalate	1.38-1.39	Soft drink and water bottles, peanut butter containers, salad dressing and vegetable oil containers	<b>Sinks:</b> benthic feeders
2	<b>HDPE</b> High-density polyethylene	0.95-0.96	Milk jugs, detergents, household cleaners, motor oil containers, some garbage bags, butter and yogurt tubs	<b>Floats:</b> surface feeders
3	<b>PVC</b> Polyvinyl chloride	1.16-1.45	Clear food packaging, medical equipment, siding, piping, windows, shampoo bottles	<b>Sinks:</b> benthic feeders
4	<b>LDPE</b> Low-density polyethylene	0.92-0.94	Squeezable bottles, various bags (for bread, frozen food, shopping and dry cleaning), clothing, furniture	<b>Floats:</b> surface feeders
5	<b>PP</b> Polypropylene	0.90-0.91	Syrup bottles, ketchup bottles, caps, straws, medicine bottles	<b>Floats:</b> surface feeders
6	<b>PS</b> Polystyrene (two kinds)	0.020-1.07	CD cases, meat trays, egg cartons, disposable plates and cups	<b>Sinks or Floats:</b> surface or benthic feeders
7	<b>Other</b> Many kinds	Varies	DVD cases, iPod packaging, signs and displays, nylons	<b>Varies:</b> potentially all feeders
<b>Other Substances</b>				
	Fresh Water	1.00		
	Sea Water	1.03		