








| Plastic Code | Plastic name | Properties |
|---|--------------------------------------|---|
|  | Polyethylene Terephthalate (PETE) | Clear, durable, shatter resistant, solvent resistant, heat resistant. |
|  | High-Density Polyethylene (HDPE) | Solvent resistant, high tensile strength, durable and stiff. |
|  | Polyvinyl Chloride (PVC) | Oil and grease resistant, chemical resistant, either flexible or rigid, high impact strength, clarity. |
|  | Low-Density Polyethylene (LDPE) | Oil resistant, chemical resistant, acid and base resistant, tough, flexible, transparent. |
|  | Polypropylene (PP) | Chemical resistant, high melting point, either flexible or rigid, low moisture vapor transmission, inert to acids, alkalis, solvents. |
|  | Polystyrene (PS) | Stiff and either rigid and transparent or foamed and tough but not clear, relatively low melting point, moisture barrier. |
|  | Other plastics (OTHER) | Plastics made from a different resin from any of the above, or a combination of more than one; can include bio-based plastics. |