

Plastic Identification and Refinishing Systems

| Identifying Symbol - Old Symbol in ()s | Chemical Composition or Plastic Family Name | Typical Area(s) Where Part is Used | Examples of Common/Trade Names | Type of Plastic |
|---|--|--|--|----------------------------|
| ABS | Acrylonitrile/ Butadiene-Styrene | Armrest Support, Console, IPC, Steering Column Bracket/Jacket, Trim Molding | ABS, Absafil, Magnum, Cycolac, Dyel, Kralastic, Lustran | Thermoplastic |
| ABS + PC | Acrylonitrile/ Butadiene-Styrene + Polycarbonate | Instrument Panel, IPC | Bayblend, Cycology, KHA, Pulse | Rigid |
| ABS/PVC | ABS/Vinyl (Soft) | Head Rest Cover, Instrument Panel Pad, Trim Molding/Panel | ABS Vinyl | Flexible, Vinyl |
| EPDM | Ethylene Propylene Diene Monomer | Body Panel, Bumper Impact Strip | EPDM, Nordel | Rigid |
| EVA (EVAC) | Ethylene/Vinyl Acetate | Head Rest Cover, Misc Soft Trim | Elvax, Microthane | Flexible |
| PA | Polyamide | Headlamp Bezels, Quarter Panel Extensions, Exterior Finish Trim Panels | Nylon, Capron, Zytel, Rilsan, Minion, Vydynе, Welland | Rigid |
| PA, PAG, PAGG | Polyamide | Exterior Finish Trim Panel, Headlamp Bezel, Quarter Panel Extension | Capron, Minlon, Nylon, Rilsan, Vydynе, Wellamid, Zytel | Rigid, Thermoset |
| PA + PPE | Polymide + Polypheneylene Ether | Exterior Trim, Fender | GTX | Rigid, Thermoset |
| PBT + TEEE (PBTP + EEBC) | Polybutylene, Terephthalate + Ether, Ester Block Compound | Fascia, Rocker Panel Molding | Bexloy M | Rigid |
| PC | Polycarbonate | Interior Rigid/Hard Trim Panel, Valance Panel | Calibre, Lexan, Merlon, Makrolon | Rigid, Thermoset |
| PC + PETP | Polycarbonate + Polybutylene, Terephthalate | Bumper Fascia | Macroblend, Valox, Xenoy | Flexible, Thermoset |
| PE | Polyethylene | Fuel Tank Shield, Inner Fender Panel, Interior Trim Panel, Seat Belt Cover, Spoiler, Valance | Alathon, Dylan, Foriflex, Hi- fax, Hosalen, Marlex, Paxon | Rigid, Thermoplastic |
| PF | Phenol Formaldehyde | Ashtray | Amberol, Bakelite, Durez, Genal, Phenolic, Plyophen, Resinox | Rigid, Thermoset |
| PP | Polypropylene | Bumper Fascia, Cowl Panel, Deflector Panel, Door Panel, Inner Fender, Interior Molding, Kick Panel, Load Floor, Radiator Shroud, Wheel Cover | Azdel, Daplen, Escorene, Marlex, Novolen, Oleflo, Profax, Tenite | Flexible, Thermoplastic |
| PPE (PPO) | Polyphenylene Ether | Bezels, Chromed Plastic, Headlamp Door, Ornaments | Noryl, Oleflo, Prevex | Rigid, Thermoset |
| PS | Polystyrene | Dash Panel, Door Panel | Durathon, Dylan, Lustrex, Polystyrol, Styron | Flexible, Soft |
| PUR | Polyurethane, Thermoset (Unsaturated) | Bumper Fascia, Filler Panel, Front/Rear Body Panel, Pickup Box | Bayflex, Castethane, RIM, RRIM, SRIM | Thermoset |
| PVC | Polyvinyl Chloride (Vinyl) | Interior Soft Trim, I/P Skins, Roof Cover | Geon, Pliovic, Unichem, Vinoflex, Vinyl, Vinylite | Flexible, Vinyl |
| SAN (SA) | Styrene Acrylonitrile | Center Console, Glove Box Door, Interior Trim Panel | Foracryl, Lustran, Tyril | Rigid |
| TEO (EP, EPM, TPO) | Ethylene/Propylene (Rubber) | Air Dam, Bumper Fascia, Valance Panel | EPI, EPII, TPO, TPR (Thermoplastic Rubber) | Flexible, Thermoplastic |
| TPO | Thermal Plastic Oletin | Bumper Covers | TPO | Flexible Thermoplastic |
| TPU (TPUR) | Polyurethane, Polyolefin | Bumper Fascia, Gravel Deflector, Soft Filler Panel, Window Molding | Estane, Pellethane, Roylar, Toxin | Flexible, Thermoplastic |
| UP | Polyester/Thermoset | Air Scoop, Air Spoiler, Fascia Extension, Hood, Instrument Housing, Rear Compartment Lid, Roof, Ventilation Grid | Fiberglass, Premi-glass, Selectron, SMC, Vibrinmat | Rigid, Thermoset |
| For symbols not listed in this table, contact the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096-0001. | | | | |