



Plastics that North America Recycling, LLC recycle, with their abbreviations and codes.

- **#1 - Polyethylene Terephthalate (PET)**
- **#2 - High Density Polyethylene (HDPE)**
- **#3 - Vinyl (Polyvinyl Chloride or PVC)**
- **#4 - Low Density Polyethylene (LDPE)**
- **#5 - Polypropylene (PP)**
- **#6 - Polystyrene (PS)**
- **#7 - Other**

Other plastics is listed below for Reference purposes only.

ABA	Poly(Acrylonitrile Butadiene Acrylate)
ABS	Poly(Acrylonitrile Butadiene Styrene)
ACM	Poly(Acrylic Acid Ester Rubber)
ACS	Acrylonitrile-Chlorinated Polyethylene-Styrene Terpolymer
ACS	American Chemical Society
AES	Poly(Acrylonitrile Ethylene Styrene) or Poly(Acrylonitrile Ethylene Propylene Styrene)
AMMA	Poly(Acrylonitrile Methyl Methacrylate)
AN	Acrylonitrile
AO	Antioxidant
APET	Amorphous Polyethylene Terephthalate
API	American Petroleum Institute
ARP	Poly(Arylterephthalate) Copolyester
AS	Antistatic
ASA	Poly(Acrylic Styrene Acrylonitrile)
ASTM	American Society for Testing and Materials
BDMA	Benzyl Dimethyl Amine (Epoxy Cure Accelerator)
BGE	Butyl Glycidyl Ether
BIIR	Bromobutyl Rubber
BMC	Bulk Molding Compound
BMI	Bismaleimide
BOPP	Biaxially Oriented Polypropylene (Film)
BR	Polybutadiene Rubber



CA	Cellulose Acetate
CAB	Cellulose Acetate Butyrate
CAP	Cellulose Acetate Propionate
CF	Cresol Formaldehyde
CFR	Code of Federal Regulations (21 CFR has provisions dealing with food contact of polymers)
CGE	Cresol Glycidyl Ether
CHDM	Cyclohexanedimethanol
CIIR	Chlorobutyl Rubber
CM	Chlorinated Polyethylene Rubber
CM	Compression Molded
CMC	Carboxymethyl Cellulose
CN	Cellulose Nitrate
CO	Epichlorohydrin Rubber (Homopolymer)
COF	Coefficient of Friction
CP	Cellulose Propionate
CPE	Chlorinated Polyethylene
CPVC	Chlorinated Polyvinyl Chloride
CR	Polychloroprene Rubber
CS	Casein
CSA	Canadian Standards Associates
CSM	Chlorosulfonated Polyethylene Rubber
CTE	Coefficient of Thermal Expansion
CTFE	Chlorotrifluoroethylene
CTI	Comparative Tracking Index
CVD	Chemical Vapor Deposition
DAM	Dry As Molded (often applied to nylon)
DAP	Diallyl Phthalate
DDS	Diaminodiphenyl Sulfone (Epoxy Cure Agent)
DGEBA	Diglycidyl Ether of Bisphenol A
DIN	Deutsches Institut für Normung
DTUL	Deflection Temperature Under Load
EAA	Ethylene/Acrylic Acid Copolymer



EBAC	Poly(Ethylene Butyl Acrylate)
EC	Ethyl Cellulose
ECN	Epoxy Cresol Novolac
ECO	Epichlorohydrin Rubber (Ethylene Oxide Copolymer)
ECTFE	Poly(Ethylene Chlorotrifluoroethylene)
EEA	Poly(Ethylene-Ethyl Acrylate)
EEW	Epoxy Equivalent Weight (Also called WPE)
EMAAA	Ethylene Acid Terpolymer
EMAC	Poly(Ethylene Methyl Acrylate)
EMCM	Ethylene Methyl Acrylate Cyclohexene Methyl Acrylate
EMI	Electromagnetic Interference
EP	Epoxy; Epoxide
EPA	Environmental Protection Agency (US Government)
EPDM	Ethylene Propylene Terpolymer Rubber
EPM	Ethylene Propylene Copolymer
EPN	Epoxy Phenol Novolac
EPS	Expanded Polystyrene
ESCR	Environmental Stress Cracking Resistance
ETFE	Poly(Ethylene Tetrafluoroethylene)
ETPU	Engineering Thermoplastic Polyurethane
EVA	Ethylene Vinyl Acetate Copolymer
EVAC	Ethylene-Vinyl Acetate Copolymer
EVAL	Poly(Ethylene-Vinyl Alcohol)
EVOH	Poly(Ethylene Vinyl Alcohol)
FDA	Food and Drug Administration (US Government)
FEP	Fluorinated Ethylene Propylene
FF	Furan Formaldehyde
FMQ	Fluorosilicone Rubber
FPM	Fluorocarbon Rubber
FPVC	Flexible Polyvinyl Chloride
FR	Flame Retardant
FVMQ	Fluorosilicone Rubber
FZ	Fluorinated Polyphosphazene Rubber



GFR	Glass Fiber Reinforced
GP	General Purpose
GPO	Propylene Oxide Rubber
GPPS	General Purpose Polystyrene
HAI	High Amp Arc Ignition
HALS	Hindered Amine Light Stabilizer
HDPE	High Density Polyethylene
HDT	Heat Deflection Temperature or Heat Distortion Temperature
HFP	Hexafluoropropylene
HIPS	High Impact Polystyrene
HNBR	Hydrogenated Nitrile Rubber (Acrylonitrile-Butadiene Rubber)
HRE	Rockwell E Hardness Number
HRM	Rockwell M Hardness Number
HRR	Rockwell R Hardness Number
HVAR	High Voltage Arc Resistance to Ignition
HVTR	High Voltage Tracking Rate
HWI	Hot Wire Ignition
IBS	Interactive Blowing System
IIR	Butyl Rubber
IM	Injection Molded
IMR	Internal Mold Release
ISO	International Standards Organization
LCP	Liquid Crystal Polymer
LDPE	Low Density Polyethylene
LLDPE	Linear Low Density Polyethylene
LMDPE	Linear Medium Density Polyethylene
MD	Metal Deactivator
MDPE	Medium Density Polyethylene
MEKP	Methyl Ethyl Ketone Peroxide (Thermoset Curing Agent)
MF	Melamine-Formaldehyde
MFD	Microfloppy Diskettes
MFI	Melt Flow Index
MVTR	Moisture Vapor Transmission Rate



MWD	Molecular Weight Distribution
NASA	National Aeronautics and Space Administration (US)
NB	No Break (Applied to Impact Test Results)
NBR	Nitrile Rubber (Acrylonitrile-Butadiene Rubber)
NHFR	Non-Halogen Flame Retardant
NHT	High Temperature Nylon
NSF	National Sanitation Foundation (nonregulatory agency)
OB	Optical Brightener
ODP	Ozone Depletion Potential
OEM	Original Equipment Manufacturer
OPP	Oriented Polypropylene (Film)
OPS	Oriented Polystyrene (Film)
OSHA	Occupation Safety and Health Administration (US Government)
PA	Polyacrylate
PA	Polyamide (Nylon)
PAEK	Polyarylether
PAEK	Polyaryletherketone
PAI	Polyamide-Imide
PAMS	Poly(Alpha Methylstyrene)
PAN	Polyacrylonitrile
PARA	Polyarylamide (polyaramide)
PAS	Polyarylsulfone
PASA	Polyamide, Semi-Aromatic (Nylon)
PASU	Polyarylsulfone
PB	Polybutadiene
PB	Polybutene-1
PBGA	Plastic Ball Grid Array
PBI	Polybenzimidazole
PBT	Polybutylene Terephthalate
PC	Polycarbonate
PCB	Printed Circuit Board
PCP	Post-Consumer Plastic



PCR	Post-Consumer Resin
PCT	Polycyclohexylenedimethylene Terephthalate
PCTFE	Polychlorotrifluoroethylene
PCTG	Glycol-Modified PCT
PCU	Polycarbonate Urethane
PDAP	Poly(Diallyl Phthalate)
PDSM	polydimethylsiloxane (Silicone)
PE	Polyethylene
PEBA	Polyether Block Amide
PEEK	Polyetheretherketone
PEF	Process Engineered Fuel
PEG	Polyethylene Glycol
PEI	Polyetherimide
PEK	Polyetherketone
PEKEKK	Polyetherketoneetherketoneketone
PEKK	Polyetherketoneketone
PEN	Polyethylene Naphthalate
PEO	Poly(Ethylene Oxide)
PEOX	Poly(Ethylene Oxide)
PES	Polyethersulfone
PESU	Polyethersulfone
PET	Polyethylene Terephthalate
PETG	PET Modified with CHDM
PEX	Cross-linked Polyethylene
PF	Phenol Formaldehyde (Phenolic)
PFA	Perfluoroalkoxy
PFPE	Polyperfluoropolyether
PI	Polyimide
PIB	Polyisobutylene
PIR	Polyisocyanurate Foam
PISU	Polyimidesulfone
PMMA	Polymethylmethacrylate
PMP	Polymethylpentene



PNR	Polynorborane Rubber
PO	Polyolefin
POB	Poly(p-Oxybenzoate)
POM	Polyoxymethylene (Acetal)
POP	Point of Purchase (Marketing Displays)
PP	Polypropylene
PPA	Polyphthalamide
PPE	Polyphenylene Ether
PPF	Phenol-Furfural
PPG	Polypropylene Glycol
PPO	Polyphenylene Oxide
PPOX	Polypropylene Oxide
PPS	Polyphenylene Sulfide
PPSU	Polyphenylsulfone
PRF	Plastics Recovery Facility
PS	Polystyrene
PSU	Polysulfone
PTFE	Polytetrafluoroethylene
PTMG	Polytetramethylene Glycol
PTT	Polytrimethylene Terephthalate
PU	Polyurethane
PUR	Polyurethane
PVAC	Poly(Vinyl Acetate)
PVAL	Poly(Vinyl Alcohol)
PVB	Poly(Vinyl Butyral)
PVC	Polyvinyl Chloride
PVCA	Poly(Vinyl Chloride-Acetate)
PVDC	Polyvinylidene Chloride
PVDF	Polyvinylidene Fluoride
PVFM	Poly(Vinyl Formal)
PVK	Polvinylcarbazole
PVOH	Polyvinyl Alcohol
PVP	Polyvinylpyrrolidone



PZ	Polyphosphazene Rubber
RH	Relative Humidity
RIM	Reaction Injection Molding
RPVC	Rigid Polyvinyl Chloride
RRIM	Reinforced Reaction Injection Molding
RTI	Relative Thermal Index (UL test)
RTPU	Rigid Thermoplastic Polyurethane
RTV	Room Temperature Vulcanizing (Silicone)
SAN	Poly(Styrene Acrylonitrile)
SB	Styrene-Butadiene
SBC	Styrene-Butadiene Copolymer
SBS	Poly(Styrene Butadiene Styrene)
SEBS	Poly(Styrene-Ethylene-Butadiene-Styrene) Elastomer
SI	Silicone
SI	System International (a subset of metric units)
SIS	Poly(Styrene-Isoprene-Styrene) Elastomer
SMA	Poly(Styrene Maleic Anhydride)
SMC	Sheet Molding Compound
SMMA	Styrene Methyl Methacrylate Copolymer
SMS	Styrene- α -Methylstyrene
SPS	Syndiotactic Polystyrene
SPU	Segmented Polyurethane
TAIC	Triallyl Isocyanurate
TEEE	Ether Ester Block Copolymer (Thermoplastic Elastomer)
TEEE	Thermoplastic Elastomer Ether Ester Block Copolymer
TEO	Olefinic Thermoplastic Elastomer
TES	Thermoplastic Styrenic Elastomer
TFE	Polytetrafluoroethylene
TM	Transfer Molded
TP	Thermoplastic
TPE	Thermoplastic Elastomer
TPI	Thermoplastic Polyimide
TPO	Thermoplastic Polyolefin (often applied to elastomers)



TPU	Thermoplastic Polyurethane (often applied to elastomers)
TPUR	Thermoplastic Polyurethane (often applied to elastomers)
TPV	Thermoplastic Vulcanizate
TS	Thermoset
TYS	Tensile Yield Strength
UF	Urea Formaldehyde
UHMW	Ultra High Molecular Weight (often applied to polyethylene)
UL	Underwriters Laboratory
ULDPE	Ultra Low Density Polyethylene
UP	Unsaturated Polyester (Thermoset)
USDA	United States Department of Agriculture
UTS	Ultimate Tensile Strength
UV	Ultraviolet
VCE	Poly(Vinyl Chloride-Ethylene)
VCEMA	Poly(Vinyl Chloride-Ethylene-Methyl Acrylate)
VCMA	Poly(Vinyl Chloride-Methyl Acrylate)
VCVAC	Poly(Vinyl Chloride-Vinyl Acrylate)
VCVDC	Poly(Vinyl Chloride-Vinylidene Chloride)
VHMW	Very High Molecular Weight (often applied to polyethylene)
WPE	Weight per Epoxide (also called EEW)
XLPE	Cross-linked Polyethylene