

Listing of Plastic Polymer Abbreviations & Chemical Names

ABAK	Acrylonitrile Butadiene Acrylate
ABA	Acrylonitrile Butadiene Acrylate
ABS	Acrylonitrile Butadiene Styrene
ABS/PVC	Acrylonitrile Butadiene Styrene / Polyvinyl Chloride
ABS+PUR	Blend of Acrylonitrile Butadiene Styrene and Polyurethane
ACS	Acrylonitrile Chlorinated Polyethylene Styrene
AES	Acrylonitrile Ethylene-Propylenediene Styrene
AMA	Acrylate Maleic Anhydride Terpolymer
AMMA	Acrylonitrile Methyl Methacrylate
APO	Amorphous Polyolefin
AS	Acrylonitrile Styrene
ASA	Acrylonitrile Styrene Acrylate
ASA+PC	Blend of Acrylonitrile Styrene Acrylate and Polycarbonate
BMC	Bulk Molding Compound
BMI	Bis Maleimide
CA	Cellulose Acetat
CAB	Cellulose Acetate Butyrate
CAP	Cellulose Acetate Proprionate
CF	Cresole-Formaldehyde
CMC	Carboxymethyl Cellulose
CN	Cellulose Nitrate (Celluloid)
COC	Cycloolefin Copolymer
COP	Copolyester Thermoplastic Elastomer
CP	Cellulose Propionate
CPE	Chlorinated Polyethylene
CPVC	Chlorinated Polyvinyl Chloride
CSF	Casein-Formaldehyde
CTA	Cellulose Triacetate
CTFE	Chlorotrifluoroethylene
DAP	Diallyl Phthallate (Thermoset)
EBA	Ethylene Butylacetate
ECTFE	Ethylene Chlorotrifluoroethylene
EEAK	Ethylene Ethylacrylate
EMAA	Ethylene Methacrylic Acid Copolymer
EMA	Ethylene Methacrylic Acid
EP	Ethylene Propylene
ETFE	Ethylene Tetrafluoroethylene
EAA	Ethylene Acrylic Acid Copolymer
EC	Ethyl Cellulose
EMAC	Ethylene Methyl Acrylate Copolymer
EnBA	Ethylene n-Butyl Acetat
EPDM	Ethylene Propylene Diene Monomer Rubber
EPM	Ethylene Propylene Copolymer Rubber
EPR	Ethylene Propylene Rubber
EPS	Expandable Polystyrene
EVA	Ethylene Vinyl Acetate
EVOH	Ethylene Vinylalcohol
FEP	Fluorinated Ethylene Propylene
FF	Furan-Formaldehyde
FRP	Fiber Reinforced Plastic
GPPS	General Purpose Polystyrene
HDPE	High Density Polyethylene
HIPS	High Impact Polystyrene
HMC	High Strength Molding Compound
HMWHDPE	High Molecular Weight High Density Polyethylene
ION	Ionomer
IPN	Interpenetrating Polymer Network
LCP	Liquid Crystal Polymer
LDPE	Low Density Polyethylene
LLDPE	Linear Low Density Polyethylene
LPE	Linear Polyethylene
MA	Maleic Anhydride

MABS	Methylmethacrylate Acrylonitrile Butadiene Styrene
MBS	Methacrylate Butadiene Styrene
MC	Methyl Cellulose
MDPE	Medium Density Polyethylene
MF	Melamine Formaldehyde
MP	Melamine Phenolic
MPF	Melamine Phenol-Formaldehyde
NBR	Nitrile Butadiene Rubber
OSA	Olefin Modified Styrene Acrylonitrile
P	Phenolic
PA	Polyamide (Nylon)
PA/ABS	Polyamide / Acrylonitrile Butadiene Styrene
PA 11	Polyamide 11
PA 12	Polyamide 12
PA 46	Polyamide 46
PA 6	Polyamide 6
PA 6/EVOH	Polyamide 6 / Ethylene Vinylalcohol
PA 6/12	Polyamide 6 / Polyamide 12
PA 6/66	Polyamide 6 / Polyamide 66
PA 6/69	Polyamide 6 / Polyamide 69
PA 6/6T	Polyamide 6 / Polyamide 6t
PA 610	Polyamide 610
PA 612	Polyamide 612
PA 6-3-T	Polytrimethylene Hexamethylene Terephthalamide
PA 66	Polyamide 66
PA 66/6	Polyamide 66 / Polyamide 6
PA 66/610	Polyamide 66 / Polyamide 610
PA 68	Polyamide 68
PA MXD6	Polyxylylene Adipamide
PA+PPE	Blend of Polyamide and Polyphenylene Ether
PAA	Polyarylamide
PAA	Polyacetic Acid
PAEK	Polyacryletherketone
PAEK	Polyaryletherketone
PAI	Polyamide-Imide
PAK	Polyester Alkyd
PAL	Polyaniline
PAN	Polyacrylonitrile
PAR	Polyarylate
PARA	Polyaryl Amide
PAS	Polyarylsulfone
PASU	Polyarylsulfone
PB	Polubutylene
PBAK	Polybutylacrylate
PBAN	Polybutadiene Acrylonitrile
PBD	Polybutadine
PBI	Polybenzimidazole
PBN	Polybutylene Napthalate
PBS	Polybutadiene Styrene
PBT	Polybutylene Terephthalate
PBT+ASA	Blend of Polybutylene Terephthalate and Acrylonitrile Styrene Acrylate
PBT+PC	Blend of Polybutylene Terephthalate and Polycarbonate
PC	Polycarbonate
PC/PBT	Polycarbonate / Polybutylene Terephthalate
PC/PET	Polycarbonate / Polyethylene Terephthalate
PC/ABS	Polycarbonate / Acrylonitrile Butadiene Styrene Blend
PCL	Polycaprolactone
PCT	Polycyclohexylene Terephthallate
PCTFE	Polymonochlorotrifluoroethylene
PCT-G	Glycol Modified Polycyclohexyl Terephthallate
PDAP	Polydiallyl Phthalate
PDCPD	Polydicyclopentadiene

PE	Polyethylene
PEBA	Polyether Block Amide or Polyester Block Amide
PE-C	Chlorinated Polyethylene
PEE	Polyester Elastomer
PEEK	Polyetheretherketone
PEEKK	Polyetheretherketoneketone
PEEST	Polyetherester
PEI	Polyetherimide
PEK	Polyetherketone
PEKEKK	Polyetherketoneetherketoneketone
PEKK	Polyetherketoneketone
PE-(LL/VL)-D	Linear Low-Density Polyethylene / Very Low-Density Polyethylene
PEN	Polyethylene Napthalene
PEO	Polyethylene Oxide
PEOX	Polyethyleneoxide
PES	Polyether Sulfone
PEST	Polyester
PESTUR	Polyesterurethane
PET	Polyethylene Terephthalate
PET-G	Glycol Modified Polyethylene Terephthalate
PEUR	Polyether Urethane
PE-X	Crosslinked Polyethylene
PF	Phenol-Formaldehyde
PFA	Perfluoro Alkoxy Alkene Polymer
PI	Polyimide Or Polyisoprene
PIB	Polyisobutylene
PIR	Polyisocyanurate
PK	Polyketone
PLA	Poly Lactic Acid
PMAN	Polymethactylonitrile
PMI	Polymethacrylimide
PMMA	Polymethylmethacrylate (Acrylic)
PMMI	Poly-N-Methyl Methacrylimide
PMP	Poly-4-Methylpentene-1
PMS	Poly-Alpha-Methylstyrene
PO	Polyolefin
POM	Polyoxymethylene (Acetal)
PP	Polypropylene
PP+E/P	Blend of Polypropylene and Ethylene / Propylene
PP+EPDM	Blend of Polypropylene and Polyethylene-Poplyenediene
PP+NBR	Blend of Polypropylene and Nitrile Butadiene Rubber
PPA	Polyphthalamide
PPC	Chlorinated Polypropylene / Polyphthalate Carbonate
PPE	Polyphenylene Ether
PPE+PA	Blend of Polyphenylene Ether and Polyamide
PPE+PS	Blend of Polyphenylene Ether and Polystyrene
PPE+SB	Blend of Polyphenylene Ether and Styrene Butadiene
PPI	Polymeric Polyisocyanate
PPO	Polyphenylene Oxide
PPO/PA	Polyphenylene Oxide / Polyamide
PPO/PS	Polyphenylene Oxide / Polystyrene
PPOX	Polypropylene Oxide
PPS	Polyphenylene Sulfide
PPSU	Polyphenylene Sulfone
PPT	Polypropylene Terephthalate
PS	Polystyrene
PS/PPO	Polystyrene / Polyphenylene Oxide
PS+PE	Blend of Polystyrene and Polyethylene
PS-b-PI	Polystyrene/Polyisoprene Block Copolymer
PSO	Polysufone
PSU	Polysulfone
PTFE	Polytetrafluoroethylene

PTMT	Polytetramethylene Terephthalate
PU,PUR	Polyurethane
PUR-S	Polyurethane, Thermosetting
PUR-T	Polyurethane, Thermoplastic
PVA	Polyvinyl Alcohol (sometimes Polyvinyl Acetate)
PVAC	Polyvinyl Acetate
PVAL	Polyvinyl Alcohol
PVB	Polyvinyl Butyryl
PVC	Polyvinyl Chloride
PVC+ABS	Blend of Polyvinyl Chloride and Acrylonitrile Butadiene Styrene
PVCA	Polyvinyl Chloride Acetate
PVDA	Polyvinylidene Acetate
PVDC	Polyvinylidene Chloride
PVDF	Polyvinylidene Fluoride
PVF	Polyvinyl Fluoride
PVFM	Polyvinyl Formal
PVK	Polyvinyl Carbazole
PVOH	Polyvinyl Alcohol
PVP	Polyvinyl Pyrrolidone
SAN	Styrene Acrylonitrile
SBC	Styrene Butadiene Copolymer
SBR	Styrene Butadiene Rubber
SBS	Styrene Butadiene Styrene Block Copolymer
SEBS	Styrene Ethylene Butylene Styrene Block Copolymer
SEP	Styrene Ethylene Propylene
SI	Silicone
SIS	Styrene Isoprene Styrene Block Copolymer
SMA	Styrene Maleic Anhydride Copolymer
SMC	Sheet Molding Compound
SMMA	Styrene Methyl Methacrylate
SMS	Styrene A-Methyl Styrene
SP	Saturated Polyester
SVA	Styrene Vinyl Acrylonitrile
TEO	Thermoplastic Elastic Olefin
TMC	Thick Molding Compound
TPE	Thermoplastic Elastomer
TPE-E	Thermoplastic Elastomer
TPE-O	Thermoplastic Elastomer, Olefinic
TPO	Thermoplastic Elastomer, Olefinic
TPE-S	Thermoplastic Elastomer, Styrenic
TPU	Thermoplastic Urethane
TPV	Thermoplastic Vulcanites
UF	Urea Formaldehyde
UHMWPE	Ultra High Molecular Weight Polyethylene
ULDPE	Ultra Low Density Polyethylene
UP	Unsaturated Polyester (Thermoset)
UPE	Unsaturated Polyester (Thermoset)
VA	Vinyl Acetate
VAE	Vinyl Acetate Ethylene
VC/MMA	Vinylchloride / Methyl Methacrylate
VC/A	Vinylchloride / Acetate
VC/E	Vinylchloride / Ethylene
VC/E/MAK	Vinylchloride / Ethylene / Methylacrylate
VC/E/VAC	Vinylchloride / Ethylene / Vinylacrylate
VC/MAK	Vinylchloride / Methylacrylate
VC/OAK	Vinylchloride / Octylacrylate
VC/VAC	Vinylchloride / Vinylacetate
VC/VDC	Vinylchloride / Vinylidene Chloride
VLDPE	Very Low Density Polyethylene
XLPE	Crosslinkable Polyethylene