

ABS	Acrylonitrile-Butadiene-Styrene
ACM-V	Vulcanized acrylate rubber
ACS	Acrylonitrile Chlorinated polyethylene Styrene
AES or AEPDS	Acrylonitrile EPDM Styrene
ASA	Acrylonitrile Styrene Acrylate
BMC	Bulk Moulding Compound
BOPP	Bi-axially Oriented PolyPropylene
CA	Cellulose Acetate
CAB	Cellulose AcetoButyrate
CBT	Cyclic polyButadiene Terephthalate
CE	Cyanate Ester
CF	Carbon Fibre
CFC	ChloroFluoroCarbon
CM or CPE	Chlorinated PolyEthylene
COPE or TPEE	COPolyEster TPE
CP	Cellulose Propionate
CPE or CM	Chlorinated PolyEthylene
CPVC or PVC-C	Chlorinated PVC
Cy	PolyCyanate
DAP	DiAllyl Phthalate
DCPD	Poly(DiCycloPentaDiene)
DMC	Dough Moulding Compound
EBA, EGMA	Ethylene-acid and ethylene-ester copolymers e.g. Ethylene-ButylAcrylate
ECTFE, EEA, EMAH, EAA	Ethylene monoChloroTriFluoroEthylene
EMA	Ethylene-MethAcrylate ionomers
EMI	ElectroMagnetic Interference
EP	EPoxy
EPDM rubber	Terpolymer ethylene
propylene	diene
EPS	Expandable (or Expanded) PolyStyrene
ETFE	Ethylene-TetraFluoroEthylene
EVA E/VAC	Ethylene-VinylAcetate copolymers
EVAC /VAE/ EVM /EVOH	Ethylene-Vinyl alcohol copolymers
F-PVC	Flexible PVC
FEP	Fluorinated Ethylene Propylene
GFRP	Glass Fibre Reinforced Plastic
HDPE or PE HD	High Density PolyEthylene
HPGF	High-Performance short Glass Fibre reinforced polypropylene
HTPC	Hybrid ThermoPlastic Composite
LDPE or PE LD	Low Density PolyEthylene
LFRT	Long Fibre Reinforced Thermoplastic
LFT	Long Fibre reinforced Thermoplastic
LGF	Long Glass Fibre
LIM	Liquid Injection Moulding
LLDPE	Linear Low Density PolyEthylene
LSR	Liquid Silicone Rubber
LWRT	Light Weight Reinforced Thermoplastic
MABS	Methylmethacrylate-Acrylonitrile-Butadiene-Styrene
MBS	Methyl methacrylate-Butadiene-Styrene
MDPE	Medium Density PolyEthylene
MF	Melamine
MPR	Melt Processable Rubber (TPE)
OPET	Oriented PET
OPP	Oriented PP
PA	PolyAmide
PA-T	Transparent amorphous PolyAmide
PAA	PolyArylAmide
PA	I PolyAmide Imide
PAEK	PolyArylEtherKetone
PAN	PolyAcryloNitrile
PAS	PolyArylSulfone
PB	PolyButene-1 or PolyButylene-1
PBI	PolyBenzImidazole
PBO	PolyphenyleneBenzoOxazole
PBT or PBTP	PolyButyleneTerephthalate
PC	PolyCarbonate
PC-HT	PolyCarbonate – High Temperature
PCL	PolyCaproLactone
PCT	PolyCyclohexylene-dimethylene Terephthalate
PCTA	Terephthalate/Isophthalate

PCTFE	PolyChloroTriFluoroEthylene
PCTG	PolyCyclohexylene-dimethylenediol/ethyleneglycol Terephthalate
PE	PolyEthylene
PEAR	PolyEtherAmide Resin
PEBA	PolyEther Block Amide
PEEK	PolyEtherEther Ketone
PEG	PolyEthylene Glycol
PEI	PolyEtherImide
PEK	PolyEtherKetone
PEN	PolyEthylene Naphthalenedicarboxylate
PES or PESU	PolyEtherSulfone
PET or PETP	PolyEthylene Terephthalate
PETG	PolyEthyleneGlycol/cyclohexylene-dimethylenediol Terephthalate
PET	I PhenylEthynyl with Imide Terminations
PEX	Crosslinked PolyEthylene
PFA	PerFluoroAlkoxy
PGA	PolyGlycolic Acid
PHA	PolyHydroxyAlkanoate
PHB	PolyHydroxyButyrate
PI	PolyImide
PK	PolyKetone
PLA	PolyLactic Acid
PMI	PolyMethacrylImide
PMMA	Poly MethylMethAcrylate
PMP	PolyMethylPentene
PO	PolyOlefin
POM	PolyOxyMethylene or Polyacetal
PP	PolyPropylene
PPA	PolyPhthalAmide
PPE	PolyPhenylene Ether
PP/IIR-V	Vulcanized butyl rubber dispersed in polypropylene (TPE) (TPV)
PP/NBR-V	Vulcanized nitrile rubber dispersed in polypropylene (TPE) (TPV)
PPO	PolyPhenylene Oxide
PPS	PolyPhenylene Sulfide
PPSU	PolyPhenyleneSulfone
PS	PolyStyrene
PSU	PolySulfone
PS-X or XPS	Crosslinked PolyStyrene
PTFE	PolyTetraFluoroEthylene
PTMT or PBT	PolyTetraMethylene Terephthalate or PolyButyleneTerephthalate
PTT	PolyTrimethylene Terephthalate
PUR	PolyURethane
PVA or PVAL	PolyVinyl Alcohol or PVOH
PVAC	PolyVinyl ACetate
PVAL or PVA or PVOH	PolyVinyl ALcohol
PVB	PolyVinyl Butyrate
PVC	PolyVinyl Chloride
PVDC	PolyVinylidene Chloride
PVC-C or CPVC	Chlorinated PVC
PVC-U	Unplasticized PVC
PVDF	PolyVinylidene Fluoride
PVF	PolyVinyl Fluoride
PVOH or PVAL or PVA	PolyVinyl Alcohol
RIM	Reaction Injection Moulding
RIRM	Resin Injection Recirculation Moulding
RP	Reinforced Plastic
RRIM	Reinforced Reaction Injection Moulding
RTM	Resin Transfer Moulding
RTP	Reinforced ThermoPlastic
RTV	Room Temperature Vulcanization
SAN	Styrene AcryloNitrile
SB	Styrene Butadiene
SBC	Styrenic Block Copolymer
SBS	Styrene-Butadiene-Styrene (TPE)
SCRIMP	Seeman's Composite Resin Infusion Moulding Process
SEBS	Styrene Ethylene/Butylene Styrene (TPE)
SEPS	Styrene Ethylene/Propylene Styrene (TPE)
SGF	Short Glass Fibre
SIS	Styrene Isoprene Styrene (TPE)
SMA	Styrene Maleic Anhydride
SMC	Sheet Moulding Compound

SMMA	Styrene-Methyl MethAcrylate
SN	curve Plot of stress or strain (S) leading to failure after N cycles of repeated loading
SP	-polyimides Condensation polyimides
SPC	Statistical Process Control
SPDF	Super Plastic Diaphragm Forming
SRRIM	Structural (Reinforced) Resin Injection Moulding
TAC	TriAllyl Cyanurate
TDI	Toluene-24-DiIsocyanate
TFE	TetraFluoroEthylene
TMC	Thick Moulding Compound
TP	ThermoPlastic
TPE	ThermoPlastic Elastomer
TPE/PVC PVC-based TPE	alloys of PVC and rubber (TPE) (TPO or TPV)
TPEE or COPE	ThermoPlastic Elastomer Ester
TPO	ThermoPlastic Olefin
TPR	ThermoPlastic Rubber
TPS	ThermoPlastic Styrenic
TP/Si-V TPV	of a vulcanized silicone rubber dispersed in a thermoplastic phase
TPU	ThermoPlastic polyUrethane
TPV	ThermoPlastic Vulcanizate
UF	Urea-Formaldehyde
UHMWPE	or UltraHigh Molecular Weight PE /PE-UHMW
VAE	Ethylene-VinylAcetate copolymers
VARI	Vacuum Assisted Resin Injection
VARTM	Vacuum Assisted RTM
VE	VinylEster
VIP	Vacuum Infusion Process
VST	Vicat Softening Temperature
WPC	Wood Plastic Composite
XLPE	Crosslinked LDPE
XPE or PEX	Crosslinked PolyEthylene
XPS or PS-X	Crosslinked PolyStyrene
ZMC	A highly automated process using Moulding Compounds