

Plastics Abbreviations

ABS	acrylonitrile-butadiene-styrene
ASA	acrylate-styrene-acrylonitrile
ATH	aluminium trihydrate
BDS	butadiene-styrene block copolymer
BMC	bulk moulding compound
BOPP	biaxially oriented polypropylene
BR	butadiene rubber
CA	cellulose acetate
CAB	cellulose acetate-butyrate
CAP	cellulose acetate propionate
CE	cellulose
CMC	carboxymethyl cellulose
CN	cellulose nitrate
CP	cellulose propionate
CSM	chopped strand mat (or) chlorosulphonated polyethylene (rubber)
DMC	dough moulding compound
ECTFE	ethylene chlorotrifluoro ethylene copolymer
EPDM	ethylene-propylene-diene monomer (elastomer)
EPM	ethylene-propylene rubber = EPR
EPR	ethylene-propylene rubber = EPM
EPS	expanded polystyrene
EVA	ethylene vinyl acetate

EVOH	ethylene vinyl alcohol
FEP	fluorinated ethylene-propylene
FRP	fibre reinforced polyester/plastics
GMT	glass mat thermoplastic
GPPS	general purpose polystyrene
GRP	glass reinforced plastic
HDPE	high density polyethylene
HEMA	hydroxyethyl methacrylate polymer
HIPS	high impact polystyrene = TPS
LCP	liquid crystal polymer = SRP
LDPE	low density polyethylene
LLDPE	linear low density polyethylene
MBS	methacrylate-butadiene-styrene terpolymer
MDPE	medium density polyethylene
MF	melamine formaldehyde
NBR	nitrile rubber = acrylonitrile butadiene rubber
NR	natural rubber
OPP	oriented polypropylene
PA	polyamide = nylon
PA 11	nylon 11
PA 12	nylon 12
PA 46	nylon 46
PA 6	nylon 6
PA 610	nylon 610
PA 66	nylon 66

PA 66/610	nylon 66/610 copolymer
PAA	polyacrylamide
PAI	polyamide imide
PAN	polyacrylonitrile
PB	polybutylene
PBT	polybutylene terephthalate = PTMT
PC	polycarbonate
PE	polyethylene
PEBA	polyether block amide
PEEK	polyetheretherketone
PEEL	polyester elastomer
PEI	polyester imide
PEK	polyetherketone
PES	polyether sulphone
PETG	PET copolymer
PETP	polyethylene terephthalate
PF	phenol formaldehyde
PFA	perfluoro alkoxy alkane
PHB	polyhydroxybutyrate
PI	polyimide
PIR	polyisocyanurate rigid (foam)
PMMA	polymethyl methacrylate
PMP	polymethyl pentene
POM	polyoxymethylene
PP	polypropylene

PPE	polyphenylene ether
PPO	polyphenylene oxide
PPS	polyphenylene sulphide
PPSS	polyphenylene sulphide sulphone
PS	polystyrene
PSU	polysulphone
PTFE	polytetrafluoroethylene
PTMT	polytetramethylene terephthalate = PBT
PUR	polyurethane
PVA	polyvinyl acetate
PVB	polyvinyl butyral (butyrate)
PVC	polyvinyl chloride
PVCC	chlorinated polyvinyl chloride
PVCP	polyvinyl chloride plasticised
PVCU	polyvinyl chloride unplasticised
PVDC	polyvinylidene chloride
PVDF	polyvinylidene fluoride
PVF	polyvinyl fluoride
PVOH	polyvinyl alcohol
SAN	styrene acrylonitrile (copolymer)
SBR	styrene butadiene rubber
SBS	styrene-butadiene-styrene (block copolymer)
SEBS	styrene-ethylene-butadiene-styrene
SIS	styrene-isoprene-styrene
SMA	styrene maleic anhydride

SMC	sheet moulding compound
SRP	self reinforcing polymer = LCP
TPE	thermoplastic elastomer
TPO	thermoplastic olefin (rubber)
TPR	thermoplastic rubber
TPS	toughened polystyrene = HIPS
TPU	thermoplastic polyurethane (rubber) = TPUR
TPUR	thermoplastic polyurethane (rubber) = TPU
TPX*	polymethyl pentene copolymer
UF	urea formaldehyde
UHMWPE	ultra high molecular weight PE
VC	vinyl chloride = VCM
VCM	vinyl chloride monomer = VC
XLPE	cross-linked polyethylene