

ABS	丙烯腈丁二烯苯乙烯共聚		Acrylonitrile-butadiene-styrene
BR	顺丁橡胶		
CN	硝化纤维素		Cellulose nitrate
CPE	氯化聚乙烯		Chlorinated polyethylene
EP	环氧树脂	分子中含有环氧官能团的热固性聚合物(预聚体)	Epoxy, epoxide
EPM	乙烯-丙烯共聚物	$\text{-(CH}_2\text{-(CH}_2\text{))}_x\text{-(CH}_2\text{-CHCH}_3\text{))}_n\text{-}$	Ethylene-propylene polymer
EVA	乙烯-醋酸乙烯共聚物	$\text{-(CH}_2\text{-CH}_2\text{-CH}_2\text{-CH(OCOCH}_3\text{))}_n\text{-}$	Ethylene/vinyl acetate
HDPE	高密度聚乙烯	$\text{-(CH}_2\text{-CH}_2\text{)}_n\text{-}$	High-density polyethylene plastics
HIPS	高抗冲聚苯乙烯	$\text{-(CH}_2\text{-CH(C}_6\text{H}_5\text{))}_n\text{-}$	High impact polystyrene
LCP	液晶聚合物		Liquid crystal polymer
LDPE	低密度聚乙烯	$\text{-(CH}_2\text{-CH}_2\text{)}_n\text{-}$	Low-density polyethylene plastics
LLDPE	线性低密聚乙烯	$\text{-(CH}_2\text{-CH}_2\text{)}_n\text{-}$	Linear low-density polyethylene
MF	密胺-甲醛树脂		Melamine-formaldehyde resin
NR	天然橡胶	$\text{-(CH}_2\text{-CH=C(CH}_3\text{)-CH}_2\text{)}_n\text{-}$	Natural rubber
PA-mn	聚酰胺(尼龙)、锦纶	$\text{-(HN-(CH}_2\text{))}_m\text{-NH-OC-(CH}_2\text{))}_{n-2}\text{-CO}_n\text{-}$	Polyamide (nylon)
PAI	聚酰胺-酰亚胺		Polyamide-imide
PAN	聚丙烯腈	$\text{-(CH}_2\text{-CHCN)}_n\text{-}$	Polyacrylonitrile
PB	聚丁烯-[1]	$\text{-(CH}_2\text{-CH=CH-CH}_2\text{)}_n\text{-}$	Polybutene-1
PBT	聚对苯二酸丁二(醇)酯		Poly(butylene terephthalate)
PC	聚碳酸酯	$\text{-(COO-C}_6\text{H}_4\text{-C(CH}_3\text{))}_2\text{-C}_6\text{H}_4\text{-O)}_n\text{-}$	Polycarbonate
PCTFE	聚三氟氯乙烯		Polychlorotrifluoroethylene
PE	聚乙烯	$\text{-(CH}_2\text{-CH}_2\text{)}_n\text{-}$	Polyethylene
PEEK	聚醚醚酮		Polyetheretherketone
PEO	聚环氧乙烷		Poly(ethylene oxide)
PES	聚醚砜		Poly(ether sulfone)
PET 涤纶	聚对苯二甲酸乙二(醇)酯	$\text{-(O-CH}_2\text{-CH}_2\text{-O-OC-C}_6\text{H}_4\text{-CO)}_n\text{-}$	Poly(ethylene terephthalate)
PF	酚醛树脂	$\text{-(C}_6\text{H}_4\text{-CH}_2\text{)}_n\text{-}$	Phenol-formaldehyde resin
PI	聚酰亚胺		Polyimide
PMMA	聚甲基丙烯酸甲酯	$\text{-(CH}_2\text{-(H}_3\text{C)C(COOCH}_3\text{))}_n\text{-}$	Poly(methyl methacrylate)
POM	聚甲醛	$\text{-(CH}_2\text{-O)}_n\text{-}$	Polyoxymethylene, polyacetal
PP	聚丙烯	$\text{-(CH}_2\text{-CHCH}_3\text{)}_n\text{-}$	Polypropylene
PPO	聚苯醚		Poly(phenylene oxide) deprecated
PPS	聚苯硫醚		Poly(phenylene sulfide)
PS	聚苯乙烯	$\text{-(CH}_2\text{-CH(C}_6\text{H}_5\text{))}_n\text{-}$	Polystyrene
PSU	聚砜		Poly sulfone
PTFE	聚四氟乙烯	$\text{-(CF}_2\text{-CF}_2\text{)}_n\text{-}$	Polytetrafluoroethylene
PUR	聚氨酯		Polyurethane
PVA _C	聚醋酸乙烯(酯)	$\text{-(CH}_2\text{-CH(COOCH}_3\text{))}_n\text{-}$	Poly(vinyl acetate)
PVA _I	聚乙烯醇	$\text{-(CH}_2\text{-CHOH)}_n\text{-}$	Poly(vinyl alcohol)
PVB	聚乙烯醇缩丁醛		Poly(vinyl butyral)
PVC	聚氯乙烯	$\text{-(CH}_2\text{-CHCl)}_n\text{-}$	Poly(vinyl chloride)
SBR	丁苯橡胶(苯乙烯<25%)	$\text{-(CH}_2\text{-CH=CH-CH}_2\text{-CH}_2\text{-CH(C}_6\text{H}_5\text{))}_n\text{-}$	Styrene butadiene rubber
SBS	苯乙烯-丁二烯嵌段共聚		Styrene-butadiene block copolymer
SiR	聚硅氧烷		Silicone rubber
PVDF	聚偏二氟乙烯	$\text{-(CHF-CHF)}_n\text{-}$	Poly(vinylidene fluoride)
UF	脲(甲)醛树脂		Urea-formaldehyde resin
UHMWPE	超高分子量聚乙烯		Ultra-high molecular weight PE
UP	不饱和聚酯		Unsaturated polyester