ABS	丙烯腈丁二烯苯 乙烯共聚		Acrylonitrile-butadiene-sty rene
BR	顺丁橡胶		
CN	硝化纤维素		Cellulose nitrate
СРЕ	氯化聚乙烯		Chlorinated polyethylene
EP	环氧树脂	$\begin{array}{c c} CH_3 & OH \\ \hline -CH_2 CH-CH_2 O- \\ CH_3 \end{array}$	Epoxy, epoxide
EPM	乙烯-丙烯共聚物	$-\left[-\left(-CH_{2}^{-}CH_{2}^{-}\right)_{x}\left(-CH_{2}^{-}CH_{2}^{-}\right)_{y}\right]_{n}$	Ethylene-propylene polymer
EVA	乙烯-醋酸乙烯共 聚物		Ethylene/vinyl acetate
HDPE	高密度聚乙烯	$-\left[-CH_{2}-CH_{2}\right]_{n}$	High-density polyethylene plastics
HIPS	高抗冲聚苯乙烯	-[-CH ₂ -CH-] _n	High impact polystyrene
LCP	液晶聚合物		Liquid crystal polymer
LDPE	低密度聚乙烯	$-\left[-CH_{2}^{-}CH_{2}^{-}\right]_{n}$	Low-density polyethylene plastics
LLDPE	线性低密聚乙烯	-[-CH ₂ -CH ₂] _n	Linear low-density polyethylene
MF	密胺-甲醛树脂		Melamine-formaldehyde resin
NR	天然橡胶	$\begin{array}{c} CH_3 \\ - \left[-CH_2 - CH - C - CH_2 - \right]_n \end{array}$	Natural rubber
PA — mn	聚酰胺(尼龙)、锦 纶	$- \left[- \text{HN} - (\text{CH}_2)_6 - \text{NH} - \text{C} - (\text{CH}_2)_4 - \text{C} \right]_{\text{n}}^{\text{O}}$	Polyamide (nylon)
PAI	聚酰胺-酰亚胺		Polyamide-imide
PAN	聚丙烯腈	CN [-CH ₂ -CH] _n	Polyacrylonitrile
PB	聚丁烯-[1]	- CH ₂ -CH=CH-CH ₂ $ -$	Polybutene-1
PBT	聚对苯二酸丁二 (醇)酯		Poly(butylene terephthalate)
PC	聚碳酸酯	$ \begin{array}{c c} O & CH_3 \\ \hline CH_3 & O-\\ CH_3 \end{array} $	Polycarbonate

PCTFE	聚三氟氯乙烯		Polychlorotrifluoroethylen e
PE	聚乙烯	-[-CH ₂ -CH ₂ -] _n	Polyethylene
PEEK	聚醚醚酮		Polyetheretherketone
PEO	聚环氧乙烷		Poly(ethylene oxide)
PES	聚醚砜		Poly(ether sulfone)
PET	聚对苯二甲酸乙	0 _ 0	Poly(ethylene
	二(醇)酯 涤纶	$\begin{array}{c} O \\ + C \\ \hline \end{array} \begin{array}{c} O \\ C \\ C \\ \hline \end{array} \begin{array}{c} O \\ C \\ C \\ \hline \end{array} \begin{array}{c} O \\ C \\ C \\ C \\ C \\ C \\ \end{array} \begin{array}{c} O \\ C \\$	terephthalate)
PF	酚醛树脂	OH CH ₂] _n	Phenol-formaldehyde resin
PI	聚酰亚胺		Polyimide
PMMA	聚甲基丙烯酸甲酯	$\begin{array}{c} CH_3 \\ - \left[-CH_2 C \frac{-}{-} \right]_{n} \\ COOCH_3 \end{array}$	Poly(methyl methacrylate)
POM	聚甲醛	[-CH ₂ -O-] _n	Polyoxymethylene, polyacetal
PP	聚丙烯	CH ₃ [-CH ₂ -CH] _n	Polypropylene
PPO	聚苯醚		Poly(phenylene oxide) deprecated
PPS	聚苯硫醚		Poly(phenylene sulfide)
PS	聚苯乙烯	-[-CH ₂ -CH-] _n	Polystyrene
PSU	聚砜		Polysulfone
PTFE	聚四氟乙烯	$-\left[-CF_{2}^{-}CF_{2}^{-}\right]_{n}$	Polytetrafluoroethylene
PUR	聚氨酯		Polyurethane
PVAC	聚醋酸乙烯(酯)	$ \begin{array}{c c} -\left[-CH_{2}-CH_{-}\right]_{n} \\ O \\ O=CCH_{3} \end{array} $	Poly(vinyl acetate)
PVAl	聚乙烯醇	$-\left[-CH_{2}-CH-O-\right]_{n}$	Poly(vinyl alcohol)
PVB	聚乙烯醇缩丁醛		Poly(vinyl butyral)

PVC	聚氯乙烯	-[-CH ₂ -CH-] _n	Poly(vinyl chloride)
SBR	丁苯橡胶(苯乙烯 <25%)		Styrene butadiene rubber
SBS	苯乙烯-丁二烯嵌		Styrene-butadiene block
	段共聚		copolymer
SiR	聚硅氧烷	CH ₃ -{Si-O-} _n CH ₃	Silicone rubber
PVDF	聚偏二氟乙烯	-[-CH ₂ -CF ₂ -] _n	Poly(vinylidene fluoride)
UF	脲(甲)醛树脂		Urea-formaldehyde resin
UHMW	超高分子量聚乙		Ultra-high molecular
PE	烯		weight PE
UP	不饱和聚酯		Unsaturated polyester