



THERMAL APPLICATIONS NOTE

Standard Terminology for Abbreviated Terms Relating to Plastics, ASTM D 1600-92

| | | | |
|--|-------|--|-------|
| Acrylonitrile-butadiene-acrylate | ABA | Polyetheretherketone | PEEK |
| Acrylonitrile-butadiene-styrene plastics | ABS | Polyethylene | PE |
| Acrylonitrile-chlorinated polyethylene-styrene | ACPES | Poly(ethylene oxide) | PEO |
| Acrylonitrile-ethylene-propylenediene/styrene | AEPDM | Poly(ethylene terephthalate) | PET |
| Acrylonitrile-ethylene-styrene | AES | Polyisobutylene | PIB |
| Acrylonitrile-methyl acrylate-acrylonitrile-butadiene rubber | AMAB | Poly(methyl- α -chloroacrylate) | PMCA |
| Acrylonitrile/methyl methacrylate | AMMA | Poly(methyl methacrylate) | PMMA |
| Acrylonitrile-styrene-acrylate | ASA | Poly(4-methylpentene-1) | PMP |
| Aromatic polyester | ARP | Polychlorotrifluoroethylene | PCTFE |
| | | Polyoxymethylene, polyacetal | POM |
| | | Poly(phenylene ether) | PPE |
| | | Poly(phenylene oxide) | PPO |
| | | deprecated term | |
| | | poly(phenylene ether) and acronym | |
| Carboxymethyl cellulose | CMC | Poly(phenylene sulfide) | PPS |
| Casein | CS | Poly(phenylene sulfone) | PPSU |
| Cellulose acetate | CA | Polyphthalamide | PPA |
| Cellulose acetate butyrate | CAB | Polypropylene | PP |
| Cellulose acetate propionate | CAP | Poly(propylene oxide) | PPOX |
| Cellulose nitrate | CN | Polystyrene | PS |
| Cellulose plastics, general | CE | Polysulfone | PSU |
| Cellulose propionate | CP | Polytetrafluoroethylene | PTFE |
| Cellulose triacetate | CTA | Polyurethane | PUR |
| Chlorinated polyethylene | CPE | Polyvinylcarbazole | PVK |
| Chlorinate poly(vinyl chloride) | CPVC | Polyvinylpyrrolidone | PVP |
| Cresol-formaldehyde | CF | Poly(vinyl acetate) | PVAC |
| | | Poly(vinyl alcohol) | PVAL |
| Epoxy, epoxide | EP | Poly(vinyl butyral) | PVB |
| Ethyl cellulose | EC | Poly(vinyl chloride) | PVC |
| Ethylene/ethyl acrylate | EEA | Poly(vinyl chloride-acetate) | PVCA |
| Ethylene/methacrylic acid | EMA | Poly(vinyl flouride) | PVF |
| Ethylene-propylene polymer | EPM | Poly(vinyl formal) | PVFM |
| Ethylene-propylene-diene | EPD | Poly(vinylidene chloride) | PVDC |
| Ethylene-tetrafluoroethylene copolymer | ETFE | Poly(vinylidene fluoride) | PVDF |
| Ethylene-vinyl alcohol | EVAL | Polyester alkyd | PAK |
| Ethylene/vinyl acetate | EVA | Poly(ester urethane) | PAUR |
| | | Polyether ketone | PEK |
| Furan formaldehyde | FF | | |
| | | Styrene-acrylonitrile plastic | SAN |
| High-density polyethylene plastics | HDPE | Styrene-butadiene plastic | SB |
| | | Styrene-maleic anhydride plastic | S/MA |
| | | Styrene/ α -methylstyrene plastic | SMS |

| | | | |
|---|-------|--|--------|
| Impact-resistant polystyrene | IPS | Styrene-rubber plastics | SRP |
| Linear low-density polyethylene plastics | LLDPE | Thermoplastic Elastomer | TPEL |
| Linear medium density polyethylene plastics | LMDPE | Thermoplastic Elastomer, | TEEE |
| Liquid crystal polymer | LCP | Ether-Ester | |
| Low-density polyethylene plastics | LDPE | Thermoplastic Elastomer, | TEO |
| | | Olefinic | |
| | | Thermoplastic Elastomer | PEBA |
| | | polyether block amide | |
| Medium-density polyethylene | MDPE | Thermoplastic Elastomer, | TES |
| Methacrylate-butadiene-styrene | MBS | Styrenic | |
| Melamine-formaldehyde resin | MF | Thermoplastic polyester | TPES |
| Melamine/phenol-formaldehyde resin | MPF | Thermoplastic polyester: | ARP |
| Methyl cellulose | MC | Copolyester [(poly(aryl terephthalate)]-liquid crystal polymer | |
| Nylon (see also polyamide) | PA | Thermoplastic polyester: | PAT |
| | | Polyarylate [poly(aryl terephthalate)]-liquid crystal polymer | |
| Perfluoro(alkoxy alkane) | PFA | Thermoplastic urethane | TPUR |
| Perfluoro(ethylene-propylene) copolymer | FEP | Thermoset polyurethane | TSUR |
| Phenol-formaldehyde resin | PF | | |
| Phenol-furfural resin | PFF | | |
| Poly(acrylic acid) | PAA | Ultra-high molecular weight polyethylene | UHMWPE |
| Polyacrylonitrile | PAN | | |
| Poly(allyl diglycol carbonate) | PADC | Unsaturated polyester | UP |
| Poly(α -methylstyrene) | PMS | Urea-formaldehyde resin | UF |
| Polyamide (nylon) | PA | | |
| Polyamide-imide | PAI | Vinyl chloride-ethylene-methyl acrylate resin | VCEMA |
| Polyaryl amide | PARA | | |
| Polyarylether | PAE | Vinyl chloride-ethylene-vinyl acetate resin | VCEV |
| Polyaryletherketone | PAEK | | |
| Polyarylsulfone | PASU | Vinyl chloride-ethylene resin | VCE |
| Polybutadiene-acrylonitrile | PBAN | Vinyl chloride-methyl acrylate resin | VCMA |
| Polybutadiene-styrene | PBS | | |
| Polybutene-1 | PB | Vinyl chloride-methyl methacrylate resin | VCMMA |
| Poly(butyl acrylate) | PBA | | |
| Poly(butylene terephthalate) | PBT | Vinyl chloride-octyl acrylate resin | VCOA |
| Polycarbonate | PC | | |
| Poly(diallyl phthalate) | PDAP | Vinyl chloride-vinyl acetate resin | VCVAC |
| Poly(ether urethane) | PEUR | | |
| Polyether block amide chloride resin | PEBA | Vinyl chloride-vinylidene | |
| | VCVDC | | |

Reference: *Plastics Engineering Magazine*, 49, (6), pp. 48-49 (1993).

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