



Designation: D1600 – 13

Standard Terminology for Abbreviated Terms Relating to Plastics¹

This standard is issued under the fixed designation D1600; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope*

1.1 The purpose of this terminology is to provide uniform contractions of terms relating to plastics. Abbreviated terminology has evolved through widespread common usage. This compilation has been prepared to avoid both the occurrence of more than one abbreviated term for a given plastics term and multiple meanings for abbreviated terms.

1.2 The scope of these abbreviated terms includes plastics terms pertaining to composition and relating to type or kind according to mode of preparation or principle distinguishing characteristics. Also included are abbreviated terms for terms relating to copolymers, blends and alloys of plastics, and additives such as plasticizers, fillers, etc.

NOTE 1—A code relating to the composition of rubbers is given in Practice D1418.

1.3 No attempt is made here to systematize formally a shorthand terminology for polymers. Terminology, including nomenclature, codes, symbols, and formula designations for use in scientific literature in the field of natural and synthetic polymers, are being studied and standardized by the International Union of Pure and Applied Chemistry.²

1.4 These abbreviated terms are by no means all-inclusive of plastics terminology. They represent, in general, those terms that have come into established use. Since it is recognized that abbreviated terms serve no useful purpose unless they are generally accepted and used, no attempt has been made to establish a rigorous code for devising standard abbreviated terms. This would result in awkward departures from established usage of existing and accepted abbreviated terms and lead to cumbersome combinations in the future, which would not be likely to receive widespread acceptance. The abbreviated terms now in use have grown naturally out of the need for convenient, readily comprehended shorthand for long chemical names. This process can be expected to continue along the

natural lines of least resistance and will serve as a basis for further standardization as the need arises. A general guide for the preparation of abbreviated terms appears desirable, however, to facilitate more organized and uniform standardization in the future. An appendix is attached, which suggests a uniform way to prepare abbreviated terms.

1.5 Note that the uppercase letter F should be used to designate phosphate and that other elements may also be designated F.

1.6 An abbreviated term (FR) and code numbers are provided to identify classes of materials used as flame retardants added to plastics. The system is provided for use in situations where marking of plastics products is desired.

NOTE 2—Many of the abbreviated terms, codes, numbers, and symbols in ISO 1043 parts 1 through 3 and in ISO/DIS 1043-4 are the same as the corresponding item in ASTM D1600. D1600 includes a number of abbreviated terms that are not in ISO 1043.

2. Referenced Documents

2.1 *ASTM Standards*:³

D883 Terminology Relating to Plastics
D1418 Practice for Rubber and Rubber Latices—
Nomenclature
D1972 Practice for Generic Marking of Plastic Products

2.2 *ISO Standards*:

ISO 472:1988 Plastics—Vocabulary⁴
ISO 1043-1:2001 Plastics—Symbols—Part 1: Basic Polymers and Their Special Characteristics⁴
ISO 1043-2:2000 Plastics—Symbols—Part 2: Fillers and Reinforcing Materials⁴
ISO 1043-3:1996 Plastics—Symbols—Part 3: Plasticizers⁴
ISO/DIS 1043-4:1998 Plastics—Symbols and Abbreviated Terms—Part 4: Flame Retardants⁴
ISO 11469:2000 Plastics—Generic Identification and Marking of Plastics Products⁴

¹ This terminology is under the jurisdiction of ASTM Committee D20 on Plastics and is the direct responsibility of Subcommittee D20.92 on Terminology.

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² "Report on Nomenclature in the Field of Macromolecules," *Journal of Polymer Science*, Vol VIII, 1952, pp. 257–277.

³ For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

⁴ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

*A Summary of Changes section appears at the end of this standard

3. Terminology

3.1 Definitions:

3.1.1 For definitions of general terms, see Terminology D883.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 flame retardant, FR, *n*—a substance that markedly retards the propagation of a flame. (See ISO 472.)

3.2.1.1 Discussion—Flame retardants may be incorporated in plastics as additives (external flame retardant) or as chemical groups in the base polymer by use of reactive intermediates in the polymerization process (internal flame retardant). The code numbers in this standard are restricted to external flame retardants.

4. Terms and Abbreviated Terms

4.1 Plastics and Resins:⁵

Term	Abbreviated Term	Term	Abbreviated Term
Acrylonitrile/butadiene plastics	AB	Chlorinated polyethylene	CPE
Acrylonitrile-butadiene-acrylate plastics	ABA	Cresol-formaldehyde resin	CF
Acrylonitrile-butadiene-styrene plastics	ABS	Epoxy, epoxide	EP
Acrylonitrile-chlorinated polyethylene-styrene plastics	ACPES	Ethyl cellulose	EC
Acrylonitrile-ethylene-styrene plastics	AES	Ethylene-chlorotrifluoroethylene copolymer	E-CTFE
Acrylonitrile-methyl acrylate-acrylonitrile-butadiene rubber	AMAB	Ethylene-ethyl acrylate plastics	EEA
Acrylonitrile-methyl methacrylate plastics	AMMA	Ethylene-methacrylic acid plastics	EMA
Acrylonitrile-styrene-acrylate plastics	ASA	Ethylene-propylene polymer	EPM
Acrylonitrile/ethylene-propylene-diene/styrene	AEPDMS	Ethylene-propylene-diene plastics	EPD
Aromatic polyester	ARP	Ethylene-tetrafluoroethylene copolymer	ETFE
		Ethylene-vinyl acetate plastics	EVA
		Ethylene-vinyl alcohol copolymer	EVOH
		Fluorocarbon perfluoromethoxy	MPA
		Furan formaldehyde resin	FF
		High density polyethylene plastics	HDPE
		High impact-resistant polystyrene	HIPS
		Impact resistant polystyrene	IPS
		Linear low density polyethylene plastics	LLDPE
		Linear medium density polyethylene plastics	LMDPE
		Liquid crystal polymer	LCP
		Low density polyethylene plastics	LDPE
		Medium density polyethylene plastics	MDPE
		Melamine-formaldehyde resin	MF
		Melamine/phenol-formaldehyde resin	MPF
		Methacrylate-butadiene-styrene plastics	MBS
		Methyl cellulose	MC
		Methyl methacrylate-acrylonitrile-butadiene-styrene resin	MMABS
		Nylon (see also polyamide)	PA
		Perfluoro(alkoxy alkane)	PFA
		Perfluoro(ethylene-propylene) copolymer	FEP
		Perfluoromethoxy resin	MFA
		Phenol-formaldehyde resin	PF
		Phenol-furfural resin	PFF
		Poly(acrylic acid)	PAA
		Poly(allyl diglycol carbonate)	PADC
		Poly(aryl ether ketone)	PAEK
		Poly(butyl acrylate)	PBA
		Poly(butylene terephthalate)	PBT
		Poly(cyclohexylenedimethylene cyclohexandicarboxylate), glycoland acid comonomer	PCCE
		Poly(cyclohexylenedimethylene terephthalate)	PCT

⁵ To prevent any confusion with or misuse of the registered trademark, PET[®] Milk, the guidelines of 8.1 shall be followed.

Term	Abbreviated Term	Term	Abbreviated Term
Poly(cyclohexylenedimethylene terephthalate), acid comonomer	PCTA	Polystyrene	PS
Poly(cyclohexylenedimethylene terephthalate), glycol	PCTG	Polysulfone	PSU
Poly(diallyl phthalate)	PDAP	Polytetrafluoroethylene	PTFE
Poly(ester urethane)	PAUR	Polyurethane	PUR
Poly(ether block amide)	PEBA	Saturated polyester plastic	SP
Poly(ether sulfone)	PESU	Silicone plastics	SI
Poly(ether urethane)	PEUR	Styrene- α -methylstyrene plastic	SMS
Poly(ethylene oxide)	PEOX	Styrene-acrylonitrile plastic	SAN
Poly(ethylene terephthalate)	PET ⁵	Styrene-butadiene plastic	SB
Poly(ethylene terephthalate) glycol comonomer	PETG	Styrene-butadiene-styrene block copolymer	SBS
Poly(lactic acid)	PLA	Styrene-ethylene/butylene-styrene block copolymer	SEBS
Poly(methyl methacrylate)	PMMA	Styrene-ethylene/propylene-styrene block copolymer	SEPS
Poly(methyl methacrylimide)	PMMI	Styrene-isoprene-styrene block copolymer	SIS
Poly(methyl- α -chloroacrylate)	PMCA	Styrene-maleic anhydride plastics	S/MA
Poly(phenyl sulfone)	PPSU	Styrene-rubber plastics	SRP
Poly(phenylene ether) (or Poly(phenylene oxide), a deprecated term)	PPE	Thermoplastic elastomer	TPE
Poly(phenylene sulfide)	PPS	Thermoplastic elastomer, ether-ester	TEEE
Poly(phenylene sulfone)	PPSU	Thermoplastic elastomer, fully crosslinked elastomer alloy	FCEA
Poly(propylene oxide)	PPOX	Thermoplastic elastomer, highly crosslinked thermoplastic vulcanizate	HCTPV
Poly(vinyl acetate)	PVAC	Thermoplastic elastomer, olefinic	TEO
Poly(vinyl alcohol)	PVOH	Thermoplastic elastomer, polyether block amide	PEBA
Poly(vinyl butyral)	PVB	Thermoplastic elastomer, styrenic	TES
Poly(vinyl carbazole)	PVK	Thermoplastic elastomer styrenic, saturated	TESS
Poly(vinyl chloride)	PVC	Thermoplastic elastomer styrenic, unsaturated	TESU
Poly(vinyl chloride-acetate)	PVCA	Thermoplastic polyester	TPES
Poly(vinyl fluoride)	PVF	Thermoplastic polyester:	
Poly(vinyl formal)	PVFM	Copolyester [poly(aryl terephthalate)]	ARP
Poly(vinyl pyrrolidone)	PVP	Polyarylate [poly(aryl terephthalate)]-liquid crystal polymer	PAT
Poly(vinylidene chloride)	PVDC	Thermoplastic polyurethane	TPU
Poly(vinylidene fluoride)	PVDF	Thermoplastic polyurethane, reinforced	RTPU
Poly(ϵ -caprolactone)	PCL	Thermoset polyurethane	TSPU
Poly-4-methylpentene-1	PMP		
Poly- α -methylstyrene	PMS	Ultra-high molecular weight polyethylene	UHMWPE
Poly-p-oxybenzoate	POB	Unsaturated polyester	UP
Polyacrylonitrile	PAN	Urea-formaldehyde resin	UF
Polyamide (nylon)	PA		
Polyamide 11	PA11	Vinyl chloride-ethylene resin	VCE
Polyamide 12	PA12	Vinyl chloride-ethylene-methyl acrylate resin	VCEMA
Polyamide 1212	PA1212	Vinyl chloride-ethylene-vinyl acetate resin	VCEVAC
Polyamide 46	PA46	Vinyl chloride-methyl acrylate resin	VCMA
Polyamide 6	PA6	Vinyl chloride-methyl methacrylate resin	VC MMA
Polyamide 610	PA610	Vinyl chloride-octyl acrylate resin	VC OA
Polyamide 612	PA612	Vinyl chloride-vinyl acetate resin	VCVAC
Polyamide 66	PA66	Vinyl chloride-vinylidene chloride resin	VVCDC
Polyamide 69	PA69	Vinylidene fluoride	VDF
Polyamide-imide	PAI		
Polyarylate	PAR		
Polyaryl amide	PARA		
Polyarylether	PAE		
Polyarylsulfone	PASU		
Polybutadiene-acrylonitrile	PBAN	<i>4.2 Blends and Alloys of Plastics:</i>	
Polybutadiene-styrene	PBS	Term	Abbreviated Term
Polybutene-1	PB	Acrylonitrile-butadiene-acrylate plastics + poly(methyl methacrylate)	ABA+PMMA
Polycarbonate	PC	Acrylonitrile-butadiene-acrylate plastics+poly(vinyl chloride)	ABA+PVC
Polychlorotrifluoroethylene	PCTFE	Acrylonitrile-butadiene-acrylate plastics+polycarbonate	ABA+PC
Polyester alkyd (or polyacrylate)	PAK	Acrylonitrile-butadiene-styrene plastics+poly(vinyl chloride)	ABS+PVC
Polyetheretherketone	PEEK	Acrylonitrile-butadiene-styrene plastics+polyphenylene sulfone	ABS+PPSU
Polyetheretherketoneketone	PEEKK	Acrylonitrile-butadiene-styrene plastics+polytetrafluoroethylene	ABS+PTFE
Polyetherketoneetherketoneketone	PEKEKK	Acrylonitrile-butadiene-styrene plastics+styrene maleic anhydride	ABS+SMA
Polyetherketoneketone	PEKK	Acrylonitrile-butadiene-styrene plastics+thermoplastic polyurethane	ABS+TPU
Polyetherimide	PEI	Acrylonitrile-butadiene-styrene plastics+polyamide	ABS+PA
Polyetherketone	PEK	Acrylonitrile-butadiene-styrene plastics+polycarbonate	ABS+PC
Polyethylene	PE	Acrylonitrile-styrene-acrylate plastics+poly(methyl methacrylate)	ASA+PMMA
Poly(ethylene naphthalate)	PEN	Acrylonitrile-styrene-acrylate plastics+polycarbonate	ASA+PC
Polyhydroxy butyrate	PHB		
Polyimide	PI		
Polyimidesulfone	PISU		
Polyisobutylene	PIB		
Polyisocyanurate	PIR		
Polyketone	PK		
Polymethacrylimide	PMI		
Polyoxymethylene, polyacetal	POM		
Polyphthalamide	PPA		
Polypropylene	PP		

Term	Abbreviated Term	Term	Abbreviated Term
Fully crosslinked elastomeric alloy	FCEA	Diundecyl phthalate	DUP
Poly(butylene terephthalate)+poly(ethylene terephthalate)	PBT+PET ⁵	Epoxidized linseed oil	ELO
		Epoxidized soya bean oil	ESO
Poly(butylene terephthalate)+rubber	Abbreviated PBT+RBR	Heptyl nonyl undecyl adipate	HNUA
Poly(ethylene naphthalate)	PEN	Heptyl nonyl undecyl phthalate	HNUP
Poly(ethylene terephthalate)+poly(methyl methacrylate)	PET ⁵ +PMMA	Hexyl octyl decyl adipate	HXODA
		Hexyl octyl decyl phthalate	HXODP
Poly(ethylene terephthalate)+poly(phenylene sulfone)	PET ⁵ +PPSU	n-Octyl decyl trimellitate	ODTM
Poly(ethylene terephthalate)+rubber	PET ⁵ +RBR	Nonyl undecyl adipate	NUA
Poly(phenylene ether)+impact resistant polystyrene	PPE+IPS	Nonyl undecyl phthalate	NUP
Poly(phenylene sulfide)+polytetrafluoroethylene	PPS+PTFE		
Poly(vinyl chloride)+chlorinated polyethylene	PVC+CPE		
Poly(vinyl chloride)+nitrile-butadiene rubber	PVC+NBR	Octyl decyl adipate	ODA
Poly(vinyl chloride)+poly(methyl methacrylate)	PVC+PMMA	Octyl decyl phthalate	ODP
Poly(vinyl chloride) plastics+polyurethane	PVC+PUR		
Polyamide (amorphous) blend	PA +	Tetraoctyl pyromellitate (tetra-2-ethylhexyl pyromellitate)	TOPM
Polyamide plastics+ethylene-methacrylic acid (ionomer)	PA+EMA	Trichloroethyl phosphate	TCEF
Polyamide+poly(phenylene ether)		Tricresyl phosphate (or tritolyl phosphate)	TCF
Polyamide+polyethylene	PA+PE	Triheptyl trimellitate	THTM
Polyamide+rubber	PA+RBR	Triisooctyl trimellitate	TIOTM
Polyamide+styrene-acrylonitrile plastics	PA+SAN	Trioctyl phosphate	TOF
Polycarbonate+poly(butylene terephthalate)	PC+PBT	Trioctyl trimellitate (tri-2-ethylhexyl trimellitate)	TOTM
Polycarbonate+poly(ethylene terephthalate)	PC+PET ⁵	Triphenyl phosphate	TPP
Polycarbonate+polyethylene	PC+PE	Trixylyl phosphate	TXF
Polycarbonate+styrene-maleic anhydride	PC+SMA		
Polycarbonate+thermoplastic polyurethane	PC+TPU		
Polyoxymethylene+polytetrafluoroethylene	POM+PTFE		
Polyoxymethylene+rubber	POM+RBR		
Polyurethane+polyisocyanate	PUR+PIR		
Styrene-maleic anhydride plastics+impact resistant polystyrene	SMA+IPS		
Thermoplastic elastomer-chlorinated ethylene alloy	TECEA		

4.3 Plastic and Resin Additives:

Term	Abbreviated Term	Term	Abbreviated Term
Alkylsulfonic acid ester	ASE	Allyl diglycol carbonate	ADC
Benzyl butyl phthalate	BBP	Chlorotrifluoroethylene	CTFE
Benzyl octyl adipate (benzyl 2-ethylhexyl adipate)	BOA	Diallyl chloroendate (diallyl ester of 1,4,5,6,7,7-hexachlorobicyclo-(2,2,1)-5-heptene-2,3-dicarboxylic acid)	DAC
Benzyl octyl phthalate (benzyl 2-ethylhexyl phthalate)	BOP	Diallyl fumarate	DAF
Di-n-octyl phthalate	DNOP	Diallyl isophthalate	DAIP
Dibutylphthalate	DBP	Diallyl maleate	DAM
Dibutyl sebacate	DBS	Diallyl phthalate (diallyl orthophthalate)	DAP
Dicapryl phthalate	DCP	Methyl methacrylate	MMA
Dicyclohexyl phthalate	DCHP	Tetrafluoroethylene	TFE
Didecyl phthalate	DDP	Triallyl cyanurate	TAC
Diethyl phthalate	DEP		
Diheptyl phthalate	DHP		
Dihexyl phthalate	DHXP		
Diisobutyl phthalate	DIBP		
Diisodecyl adipate	DIDA		
Diisodecyl phthalate	DIDP		
Diisoheptyl phthalate	DIHP		
Diisohexyl phthalate	DIHXP		
Diisononyl adipate	DINA		
Diisononyl phthalate	DINP		
Diisooctyl adipate	DIOA		
Diisooctyl phthalate	DIOP		
Diisopentyl phthalate	DIPP		
Diisotridecyl phthalate	DITDP		
Dimethyl phthalate	DMP		
Dinonyl phthalate	DNP		
Diethyl adipate	DOA		
Diethyl azelate	DOZ		
Diethyl isophthalate (di-2-ethylhexyl isophthalate)	DOIP		
Diethyl phthalate	DOP		
Diethyl sebacate	DOS		
Diethyl terephthalate (di-2-ethylhexyl terephthalate)	DOTP		
Diphenyl octyl phosphate	DPOF		
Diphenyl cresyl phosphate	DPCF		
Diphenyl 2-ethylhexyl phosphate	DPOF		

4.4 Monomers:

Term	Abbreviated Term
General purpose	GP
Single stage	SS

NOTE 3—When listing one or more components, the order preferably should be in decreasing amount by mass. There are situations, however, where long standing usage indicates that this recommendation should not be followed. An example is ETFE.

5. Full List by Term and Abbreviated Term

Term	Abbreviated Term
Acrylonitrile-butadiene-acrylate plastics+poly(methyl methacrylate)	ABA+PMMA
Acrylonitrile-butadiene-acrylate plastics+poly(vinyl chloride)	ABA+PVC
Acrylonitrile-butadiene-acrylate plastics+polycarbonate	ABA+PC
Acrylonitrile-butadiene-acrylate plastics	ABA
Acrylonitrile-butadiene-styrene plastics+poly(vinyl chloride)	ABS+PVC
Acrylonitrile-butadiene-styrene plastics+polyphenylene sulfone	ABS+PPSU
Acrylonitrile-butadiene-styrene plastics+polytetrafluoroethylene	ABS+PTFE

Term	Abbreviated Term	Term	Abbreviated Term
Acrylonitrile-butadiene-styrene plastics+styrene maleic anhydride	ABS+SMA	Diocetyl isophthalate (di-2-ethylhexyl isophthalate)	DOIP
Acrylonitrile-butadiene-styrene plastics+thermoplastic polyurethane	ABS+TPU	Diocetyl phthalate	DOP
Acrylonitrile-butadiene plastics	AB	Diocetyl sebacate	DOS
Acrylonitrile-butadiene-styrene plastics+polyamide	ABS+PA	Diocetyl terephthalate (di-2-ethylhexyl terephthalate)	DOTP
Acrylonitrile-butadiene-styrene plastics+polycarbonate	ABS+PC	Diphenyl 2-ethylhexyl phosphate	DPOF
Acrylonitrile-chlorinated polyethylene-styrene plastics	ACPES	Diphenyl cresyl phosphate	DPCF
Acrylonitrile-ethylene-styrene plastics	AES	Diphenyl octyl phosphate	DPOF
Acrylonitrile-methyl acrylate-acrylonitrile-butadiene rubber	AMAB	Diundecyl phthalate	DUP
Acrylonitrile-methyl methacrylate plastics	AMMA	Epoxidized linseed oil	ELO
Acrylonitrile-styrene-acrylate plastics+poly(methyl methacrylate)	ASA+PMMA	Epoxidized soya bean oil	ESO
Acrylonitrile-styrene-acrylate plastics+poly(vinyl chloride)	ASA+PVC	Epoxy, epoxide	EP
Acrylonitrile-styrene-acrylate plastics	ASA	Ethyl cellulose	EC
Acrylonitrile-styrene-acrylate plastics+polycarbonate	ASA+PC	Ethylene-chlorotrifluoroethylene copolymer	E-CTFE
Acrylonitrile/ethylene-propylene-diene/styrene plastics	AEPDMS	Ethylene-ethyl acrylate plastics	EEA
Alkylsulfonic acid ester	ASE	Ethylene-methacrylic acid plastics	EMA
Allyl diglycol carbonate	ADC	Ethylene-propylene polymer	EPM
Aromatic polyester	ARP	Ethylene-propylene-diene plastics	EPD
		Ethylene-tetrafluoroethylene copolymer	ETFE
		Ethylene-vinyl acetate plastics	EVA
		Ethylene-vinyl alcohol copolymer	EVOH
		Fluorocarbon perfluoromethoxy	MPA
Benzyl butyl phthalate	BBP	Fully crosslinked elastomeric alloy	FCEA
Benzyl octyl adipate (benzyl 2-ethylhexyl adipate)	BOA	Furan-formaldehyde resin	FF
Benzyl octyl phthalate (benzyl 2-ethylhexyl phthalate)	BOP		
		General purpose	GP
Carboxymethyl cellulose	CMC		
Casein	CS	Heptyl nonyl undecyl adipate	HNUA
Caseine-formaldehyde resin	CSF	Heptyl nonyl undecyl phthalate	HNUP
Cellulose acetate	CA	Hexyl octyl decyl adipate	HXODA
Cellulose acetate-butyrate	CAB	Hexyl octyl decyl phthalate	HXODP
Cellulose acetate-propionate	CAP	High density polyethylene plastics	HDPE
Cellulose formaldehyde	CEF	High impact-resistant polystyrene	HIPS
Cellulose nitrate	CN		
Cellulose plastics, general	CE	Impact resistant polystyrene	IPS
Cellulose propionate	CP		
Cellulose triacetate	CTA	Linear low density polyethylene plastics	LLDPE
Chlorinated poly(vinyl chloride)	CPVC	Linear medium density polyethylene plastics	LDLPE
Chlorinated polyethylene	CPE	Liquid crystal polymer	LCP
Chlorotrifluoroethylene	CTFE	Low density polyethylene plastics	LDPE
Cresol-formaldehyde resin	CF		
		Medium density polyethylene plastics	MDPE
Di-n-octyl phthalate	DNOP	Melamine-formaldehyde resin	MF
Diallyl chlorendate (diallyl ester of 1,4,5,6,7,7-hexachloro-bicyclo-(2,2,1)-5-heptene-2,3-dicarboxylic acid)	DAC	Melamine/phenol-formaldehyde resin	MPF
Diallyl fumarate	DAF	Methacrylate-butadiene-styrene plastics	MBS
Diallyl isophthalate	DAIP	Methyl cellulose	MC
Diallyl maleate	DAM	Methyl methacrylate	MMA
Diallyl phthalate (diallyl orthophthalate)	DAP	Methyl methacrylate-acrylonitrile-butadiene-styrene resin	MMABS
Dibutyl phthalate	DBP		
Dibutyl sebacate	DBS	n-Octyl decyl trimellitate	ODTM
Dicapryl phthalate	DCP	Nonyl undecyl adipate	NUA
Dicyclohexyl phthalate	DCHP	Nonyl undecyl phthalate	NUP
Didecyl phthalate	DDP	Nylon (See also <i>polyamide</i>)	PA
Diethyl phthalate	DEP		
Diheptyl phthalate	DHP	Octyl decyl adipate	ODA
Dihexyl phthalate	DHXP	Octyl decyl phthalate	ODP
Diisobutyl phthalate	DIBP		
Diisodecyl adipate	DIDA	Perfluoro(alkoxy alkane)	PFA
Diisodecyl phthalate	DIDP	Perfluoro(ethylene-propylene) copolymer	FEP
Diisoheptyl phthalate	DIHP	Perfluoromethoxy resin	MFA
Diisohexyl phthalate	DIHXP	Phenol-formaldehyde resin	PF
Diisononyl adipate	DINA	Phenol-furfural resin	PFF
Diisononyl phthalate	DINP	Poly(acrylic acid)	PAA
Diisooctyl adipate	DIOA	Poly(allyl diglycol carbonate)	PAAC
Diisooctyl phthalate	DIOP	Poly(aryl ether ketone)	PAEK
Diisopentyl phthalate	DIPP	Poly(butyl acrylate)	PBA
Diisotridecyl phthalate	DITDP	Poly(butylene terephthalate)	PBT
Dimethyl phthalate	DMP	Poly(butylene terephthalate)+poly(ethylene terephthalate)	PBT+PET ⁵
Dinonyl phthalate	DNP	Poly(butylene terephthalate)+poly(phenylene ether)	PBT+PPE
Diocetyl adipate	DOA	Poly(butylene terephthalate)+rubber	PBT+RBR
Diocetyl azelate	DOZ		

Term	Abbreviated Term	Term	Abbreviated Term
Poly(cyclohexylenedimethylene cyclohexandicarboxylate), glycol and acid comonomer	PCCE	Polybutene-1	PB
Poly(cyclohexylenedimethylene terephthalate)	PCT	Polycarbonate	PC
Poly(cyclohexylenedimethylene terephthalate), acid comonomer	PCTA	Polycarbonate+poly(butylene terephthalate)	PC+PBT
Poly(cyclohexylenedimethylene terephthalate), glycol	PCTG	Polycarbonate+poly(ethylene terephthalate)	PC+PC+PET ⁵
Poly(diallyl phthalate)	PDAP	Polycarbonate+polyethylene	PC+PE
Poly(ester urethane)	PAUR	Polycarbonate+styrene-maleic anhydride	PC+SMA
Poly(ether block amide)	PEBA	Polycarbonate+thermoplastic polyurethane	PC+TPU
Poly(ether sulfone)	PESU	Polychlorotrifluoroethylene	PCTFE
Poly(ether urethane)	PEUR	Polyester alkyd (or polyacrylate)	PAK
Poly(ethylene naphthalate)	PEN	Polyester, thermoplastic; polyarylate [poly(aryl terephthalate)]—liquid crystal polymer	PAT
Poly(ethylene oxide)	PEOX	Polyetheretherketone	PEEK
Poly(ethylene terephthalate)	PET ⁵	Polyetheretherketoneketone	PEEKK
Poly(ethylene terephthalate)+poly(methyl methacrylate)	PET ⁵ +PMMA	Polyetherketoneetherketoneketone	PEKEKK
Poly(ethylene terephthalate)+poly(phenylene sulfone)	PET ⁵ +PPSU	Polyetherketoneketone	PEKK
Poly(ethylene terephthalate), glycol comonomer	PET ⁵ +RBR	Polyetherizimide	PEI
Poly(lactic acid)	PETG	Polyetherketone	PEK
Poly(methyl methacrylate)	PLA	Polyethylene	PE
Poly(methyl methacrylimide)	PMMA	Polyhydroxy butyrate	PHB
Poly(methyl- α -chloroacrylate)	PMMI	Polyhydroxy butyrate-polyhydroxy valerate	PHBV
Poly(phenyl sulfone)	PMCA	Polyimide	PI
Poly(phenylene ether) (or poly(phenylene oxide), a deprecated term)	PPSU	Polyimidesulfone	PISU
Poly(phenylene ether)+impact resistant polystyrene	PPE	Polyisobutylene	PIB
Poly(phenylene sulfide)	PPE+IPS	Polyisocyanurate	PIR
Poly(phenylene sulfide)+polytetrafluoroethylene	PPS	Polyketone	PK
Poly(phenylene sulfone)	PPS+PTFE	Polymethacrylimide	PMI
Poly(propylene oxide)	PPSU	Polyoxymethylene+polytetrafluoroethylene	POM+PTFE
Poly(vinyl acetate)	PPOX	Polyoxymethylene+rubber	POM+RBR
Poly(vinyl alcohol)	PVAC	Polyoxymethylene, polyacetal	POM
Poly(vinyl butyral)	PVOH	Polyphenylene	PPH
Poly(vinyl carbazole)	PVB	Polyphthalamide	PPA
Poly(vinyl chloride)	PVK	Polypropylene	PP
Poly(vinyl chloride)+chlorinated polyethylene	PVC	Polystyrene	PS
Poly(vinyl chloride)+nitrile-butadiene rubber	PVC+CPE	Polysulfone	PSU
Poly(vinyl chloride)+poly(methyl methacrylate)	PVC+NBR	Polytetrafluoroethylene	PTFE
Poly(vinyl chloride) plastics+polyurethane	PVC+PMMA	Polyurethane	PUR
Poly(vinyl chloride-acetate)	PVC+PUR	Polyurethane+polyisocyanate	PUR+PIR
Poly(vinyl fluoride)	PVCA	Saturated polyester plastic	SP
Poly(vinyl formal)	PVF	See TCF	TTP
Poly(vinyl pyrrolidone)	PVFM	Silicone plastics	SI
Poly(vinylidene chloride)	PVP	Single stage	SS
Poly(vinylidene fluoride)	PVDC	Styrene- α -methylstyrene plastic	SMS
Poly(ϵ -caprolactone)	PVDF	Styrene-acrylonitrile plastic	SAN
Poly-4-methyl pentene-1	PCL	Styrene-butadiene plastics	SB
Poly- α -methylstyrene	PMP	Styrene-butadiene-styrene block copolymer	SBS
Poly-p-oxybenzoate	PMS	Styrene-ethylene/butylene-styrene block copolymer	SEBS
Polyacrylonitrile	POB	Styrene-ethylene/propylene-styrene block copolymer	SEPS
Polyamide (amorphous) blend	PAN	Styrene-isoprene-styrene block copolymer	SIS
Polyamide (nylon)	PA +	Styrene-maleic anhydride plastics+impact resistant polystyrene	SMA+IPS
Polyamide 11	PA	Styrene-maleic anhydride plastics	S/MA
Polyamide 12	PA11	Styrene-rubber plastics	SRP
Polyamide 1212	PA12	Tetrafluoroethylene	TFE
Polyamide 46	PA1212	Tetraoctyl pyromellitate (tetra-2-ethylhexyl pyromellitate)	TOPM
Polyamide 6	PA46	Thermoplastic elastomer	TPE
Polyamide 610	PA6	Thermoplastic elastomer, ether-ester	TEEE
Polyamide 612	PA610	Thermoplastic elastomer, fully crosslinked elastomer alloy	FCEA
Polyamide 66	PA612	Thermoplastic elastomer, highly crosslinked thermoplastic vulcanizate	HCTPV
Polyamide 69	PA66	Thermoplastic elastomer, olefinic	TEO
Polyamide plastics+ethylene-methacrylic acid (ionomer)	PA69	Thermoplastic elastomer, polyether block amide	PEBA
Polyamide+poly(phenylene ether)	PA+EMA	Thermoplastic elastomer, styrenic	TES
Polyamide+polyethylene	PA+PPE	Thermoplastic elastomer styrenic, saturated	TESS
Polyamide+rubber	PA+PE	Thermoplastic elastomer styrenic, unsaturated	TESU
Polyamide+styrene-acrylonitrile plastics	PA+RBR	Thermoplastic elastomer-chlorinated ethylene alloy	TECEA
Polyamide-imide	PA+SAN	Thermoplastic polyester	TPES
Polyarylate	PAI	Thermoplastic polyester:	
Polyaryl amide	PAR	Copolyester [poly(aryl terephthalate)]	ARP
Polyarylether	PARA	Polyarylate [poly(aryl terephthalate)]—liquid crystal polymer	PAT
Polyarylsulfone	PAE	Thermoplastic polyurethane	TPU
Polybutadiene-acrylonitrile	PASU	Thermoplastic polyurethane, reinforced	RTPU
Polybutadiene-styrene	PBAN		
	PBS		