



CDC 11 (3971) DTZS

ICS 83.080.010

## TANZANIA STANDARD

---

---

Plastics —abbreviations

For public comment's only

TANZANIA BUREAU OF STANDARDS

---

---

**Copyright notice**

This document is copyright-protected by Tanzania Bureau of Standards. Neither this document nor any extract from it may be reproduced, stored or transmitted in any form for any other purpose without prior written permission from TBS.

Requests for permission to reproduce this document for the purpose of use should be addressed as shown below:

*Tanzania Bureau of Standards  
P O Box 9524  
16103 Dar es Salaam  
Sam Nujoma Road/Morogoro Road,  
Tel +255 (22) 2450206/2450949/2450298  
Fax +255 22 2450298  
Hotline: 0800110827  
E-mail: [info@tbs.go.tz](mailto:info@tbs.go.tz)*

For public comment's only

## Foreword

This Tanzania Standard was published under the authority of the Board of Director of Tanzania Bureau of Standards.

Tanzania Bureau of Standards (TBS) is the statutory national standards body for Tanzania established by the Standards Act Cap. 130.

Tanzania Standards are developed through Technical Committees that are representative of key stakeholders including government, academia, consumer groups, private sector and other interested parties. The Technical Committees work under the supervision of Divisional (sectoral) Committees. The Standards are developed in accordance with the Guide and Procedure for Development of Tanzania Standards and TZS 0, *Guide for presentation of Tanzania Standards*.

Tanzania Standards are subject to review, to keep pace with science and technological advances. Users of the Tanzania Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

This Tanzania Standard was developed under the supervision of the Chemicals Divisional Standards Committee [CDC]. The Technical Committee responsible for the standard is CDC 11 – Plastics and plastic products.

This Standard has been prepared with the assistance from;

ISO 1043-1 Plastics – Symbols and abbreviated terms – Basic polymers and their special characteristics.

This *second edition* cancels and replaces the first edition (TZS 361:1989) which has been technically revised.



## Plastics — abbreviations

### 1 Scope

1.1 This Tanzania Standard provides uniform abbreviations for terms relating to plastics.

1.2 Abbreviated terminology has evolved through widespread common usage. This compilation of abbreviated nomenclature has been prepared primarily to promote the use of one rather than more than one abbreviation for a given material, and to avoid the use of the same abbreviation for more than one material. It includes, in general, those abbreviations that have come into established use.

1.3 When abbreviations are used in publications or other written matter, their first occurrence in the text should be enclosed in parentheses and should be preceded by the written word or words being abbreviated; subsequent references to such words in the text can then be by the appropriate abbreviations.

#### Note 1:

IUPAC rules for source-based names of polymers specify that when "poly" is followed by more than one word, enclosing marks are used. The IUPAC practice is followed in this document. In common usage the enclosing marks are often omitted.

Unless otherwise indicated, the alkyl groups are n-alkyl and the phthalates are esters of O-phthalic acid.

The letter P may be used in place of F for "phosphate" in plasticizer abbreviations.

### 2 Normative references

There are no normative references in this document.

### 3 Terms and definitions

No terms and definitions are listed in this document.

#### 4 Abbreviations for copolymeric materials

Abbreviation	Full name/common name
A/B/S	Acrylonitrile/butadiene/styrene
A/MMA	Acrylonitrile/methyl methacrylate
A/S/A	Acrylonitrile/styrene/acrylate
E/EA	Ethylene/ethyl acrylate
E/P	Ethylene/propylene
E/VAC	Ethylene/vinyl acetate
FEP	Perfluoro(ethylenepropylene)
TFE/HFP	Tetrafluoroethylene/hexafluoropropylene
MPF	Melamine-phenol formaldehyde
S/B	Styrene/butadiene
S/MS	Styrene/methyl styrene
VC/E	Vinyl chloride/ethylene
VC/E/MA	Vinyl chloride/ethylene/methyl acrylate
VC/E/VAC	Vinyl chloride /ethylene/vinyl acetate
VC/MA	Vinyl chloride/methyl acrylate
VC/MMA	Vinyl chloride/methyl methacrylate
VC/OA	Vinyl chloride/octyl acrylate
VC/VAC	Vinyl chloride/vinyl acetate
VC/VDC	Vinyl chloride/vinylidene chloride
LLDPE	Linear low-density polyethylene
LDPE	Low density polyethylene
HDPE	High density polyethylene
HDPP	High density polypropylene
PET	Polyethylene terephthalate
PC	Polycarbonate
PVC	Polyvinyl chloride
MDPE	Medium density polyethylene
PP	Polypropylene
PS	Polystyrene
PEX or XPE	Cross-linked Polyethylene
PA	Polyamide(nylon)

## 5. Abbreviations for plasticizers

Abbreviation	Full name/common name
ASE	Alkylsulfonic acid ester
BBP	Benzyl butyl phthalate
BOA	Benzyl octyl adipate (Benzyl 2-ethylhexyl adipate)
DBP	Dibutyl phthalate
DCP	Dicapryl phthalate
DEP	Diethyl phthalate
DHP	Diheptyl phthalate
DHXP	Dihexyl phthalate
DIBP	Diisobutyl phthalate
DIDA	Diisodecyl adipate
DINA	Diisononyl adipate
DIDP	Diisodecyl phthalate
DINP	Diisononyl phthalate
DIOA	Diisooctyl adipate
DIOP	Diisooctyl phthalate
DITDP	Diisotridecyl phthalate
DMP	Dimethyl phthalate
DNP	Dinonyl phthalate
DOA	Diocetyl adipate (Di 2-ethylhexyl adipate)
DOIP	Diocetyl isophthalate (Di 2-ethylhexyl isophthalate)
DOP	Diocetyl phthalate (Di 2-ethylhexyl phthalate)
DOS	Diocetyl sebacate (Di 2-ethylhexyl sebacate)
DOTP	Diocetyl terephthalate (Di-ethylhexyl terephthalate)



For public comment's only