

Contents of CAMPUS^â

5 Abbreviated Terms

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5 Abbreviated Terms

This guide for fixing abbreviated descriptions mainly is relevant for licensees only and shall be the only source of searchable abbreviations used in CAMPUS.

5.1 General

ISO 1043-1 includes abbreviated terms, that have come into established use (like ABS), symbols for components of these terms (i.e. AN, B and S) and symbols for special characteristics (like -HI). The latter two types of symbols enable to compile additional descriptions of the one plastic, different from the abbreviated term (e.g. SAN-HI or S/AN+B/S/AN instead of ABS). The aim however of this guide (as of ISO 1043) is „to prevent the occurrence of more than one abbreviated term for a given plastics terms“. Only in this case the designation system described in ISO 1043 becomes suitable for searching purposes. The following principles, therefore, shall be used for CAMPUS.

All polymers shall be presented according to the following system:

(P1+P2+P3)-(F1+F2)X...

where:

P1: polymer 1

P2: polymer 2

P3: polymer 3

F1: filler 1

F2: filler 2

X: total weight percentage of fillers (= % F1 + % F2)

... : indicates more ingredients which are not specified

- The polymers P1, P2 and P3 shall be taken from the list of base polymers, separate document "Base Polymers".
- Copolymers are handled as base polymers, separate document "Base Polymers".
- For mixtures and blends start with the polymer that forms the continuous phase.
- The fillers F1 and F2 shall be taken from the list of fillers, starting with the filler having the highest amount of addition, see table 17.

Each licensee can request to add more base polymers and fillers via M-Base

Examples:

ABS

ABS+PC

(ABS+PC)-GF20

PC-(GF+GB)10

PC-GF

(ABS+PC)-(GF+CF)30...

5.2 Base Polymers

For the table of allowed base polymers, see separate document “Base Polymers”

5.3 Fillers

CF	carbon fiber
CD	carbon fines, powder
GF	glass fiber
GB	glass beads, spheres, balls
GD	glass fines, powder
GX	glass not specified
K	calcium carbonate
MeF	metal fiber
MeD	metal fines, powder
MiF	mineral fiber
MiD	mineral fines, powder
MiX	mineral not specified
NF	natural organic fiber
P	mica
Q	silica
RF	aramid fiber
T	talcum
X	not specified
Z	others not included in this list

Table 17: Fillers