

# DIN EN 1568-3:2008-06 (E)

## Fire extinguishing media - Foam concentrates - Part 3: Specification for low expansion foam concentrates for surface application to water-immiscible liquids

---

<b>Contents</b>	<b>Page</b>
Foreword .....	3
Introduction .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 Sediment in the foam concentrate .....	7
5 Viscosity of the foam concentrate .....	7
6 pH of the foam concentrate .....	7
7 Surface tension of the foam solution .....	7
8 Spreading coefficient of the foam solutions .....	7
9 Expansion and drainage of foam .....	8
10 Test fire performance .....	8
11 Container marking .....	9
Annex A (informative) Grades of foam concentrate and performance .....	11
Annex B (normative) Preliminary sampling of foam concentrates .....	12
Annex C (normative) Determination of percentage sediment .....	13
Annex D (normative) Determination of Viscosity for pseudo-plastic foam concentrates .....	14
Annex E (normative) Temperature conditioning of foam concentrates .....	16
Annex F (normative) Determination of surface tension and spreading coefficient .....	19
Annex G (normative) Determination of expansion and drainage time .....	20
Annex H (normative) Determination of test fire performance .....	25
Annex I (informative) Small scale fire test .....	30
Annex J (informative) Description of a radiation measurement method .....	40
Annex K (informative) A-Deviations .....	44
Bibliography .....	46