

DIN EN 1568-1:2008-06 (E)

Fire extinguishing media - Foam concentrates - Part 1: Specification for medium expansion foaming concentrates for surface application to water-immiscible liquids

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Sediment in the foam concentrate	6
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	7
10 Test fire performance	8
11 Container marking	8
Annex A (informative) Grades of foam concentrate	10
Annex B (normative) Preliminary sampling of foam concentrates	11
Annex C (normative) Determination of percentage sediment	12
Annex D (normative) Determination of viscosity for pseudo-plastic foam concentrates	13
Annex E (normative) Temperature conditioning of foam concentrates	15
Annex F (normative) Determination of surface tension and spreading coefficient	18
Annex G (normative) Determination of expansion and drainage time	19
Annex H (normative) Determination of test fire performance	24
Annex I (informative) Description of a radiation measurement method	28
Annex J (informative) A-Deviations	32
Bibliography	34