

XT-10 AFFF ADDITIVE FOR FIRE EXTINGUISHERS

DESCRIPTION

BoldFoam XT-10 is an additive for Fire Extinguishers, formulated from hydrocarbon and fluorinated surfactants, additives, solvents and fireproofing salts (Ammonium Polyphosphate).

BoldFoam XT-10 solution is Aqueous Film Forming Foam (AFFF). This film avoids contact with oxygen and helps preventing the release of fuel vapor. The water content of the foam produces a cooling effect.

The great advantage of this product over conventional AFFF is that the BoldFoam XT-10 fireproof salts seal the brass in class A fires and this action avoid the reignition.

APPLICATION

BoldFoam XT-10 has been designed to Class A fires (solids) and Class B fires (hydrocarbons)

Don't use in polar solvents fires.

PROPORTIONING

BoldFoam XT-10 is suitable only with tap water, according the following table:

Table I

Extinguisher Capacity (L.)	XT-10 (L.)	Tap Water (L.)
9	0,6	8,4
6	0,6	5,4

TYPICAL PHYSICAL PROPERTIES OF CONCENTRATE

Appearance Green Liquid
 Density, g/cm³ 1,13
 pH 5,5-6,5
 Viscosity to 375 s⁻¹(Brookfield), mPa.s

- 20°C <10
- 0°C <20

Freezing Point <-7°C
 P₂O₅ Percentage 13 % aprox.
 N Percentage 3,5% aprox.

SOLUTION PROPERTIES

Usage Concentration Table I

Table II

Extinguishers Capacity (L.)	9	6
SurfaceTension, mN/m	16,5 ±0,5	16,5±0,5
Spreading Coefficient (Ciclohexane)	>5	>5
Draves test	< 10 sec.	< 10 sec.

FIRE PERFORMANCE

BoldFoam XT-10 is according to the UNE23110-1 Standard with the following performances

Tabla III

Size Fire Extinguisher (L.)	Performance B	Performance A
9	233B	27A
6	233B	21A

These performances would be got using the fire extinguisher in correct conditions by experimiented people.

STORAGE AND HANDLING

Place the storage container in an area at temperatures between 0°C to 50°C.

Nevertheles, the full extinguisher must be stored at temperatures between 5°C to 50°C.

ORDERING INFORMATION

BoldFoam products are available in plastic Pail (20, 25 or 60 l), Drum (200 l.), Container (1000 l.) and Bulk.