FILMOPOL 3X6LT15

**FLUOROSYNTHETIC AFFF-AR FOAM CONCENTRATE 3X6**

**DESCRIPTION**

FILMOPOL 3X6LT15 is a fluorosynthetic foam AFFF-AR 3X6. The film-forming property AFFF gives to FILMOPOL 3X6LT15 a high speed of extinction on hydrocarbon fires thanks to the aqueous film which insulates the fuel surface from the air.

The Alcohol-Resistant property produces a thick layer – skin – if applied on any kind of fuels. The peculiar nature of our fluoropolymer gives outstanding burnback resistance.

FILMOPOL 3X6LT15 is pseudoplastic: its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

*Foaming power*: FILMOPOL 3X6LT15 is usable at Low, Medium and High Expansion.

*Fuel fires*: FILMOPOL 3X6LT15 is efficient on hydrocarbon and polar solvents fires.

*Environment*: FILMOPOL 3X6LT15 is easily biodegradable.

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>white gel</td>
</tr>
<tr>
<td>Specific gravity at 20°C</td>
<td>1.03 ± 0.02 Kg/dm³</td>
</tr>
<tr>
<td>pH at 20°C</td>
<td>7.0 ± 1.0</td>
</tr>
<tr>
<td>Viscosity* at 20°C</td>
<td>1900 ± 200 mPa.s</td>
</tr>
<tr>
<td>Sediments</td>
<td>&lt; 0.1 %</td>
</tr>
<tr>
<td>Surface tension at 3 %</td>
<td>16 ± 2 mN/m</td>
</tr>
<tr>
<td>Interfacial tension at 3 %</td>
<td>2 ± 1 mN/m</td>
</tr>
<tr>
<td>Freezing point</td>
<td>- 15°C</td>
</tr>
<tr>
<td>Temperature of use</td>
<td>- 13°C/+ 50°C</td>
</tr>
</tbody>
</table>

*Viscometer Brookfield; spindle #4; 60 rpm

**FOAM QUALITY AT 3%**

- **Low Expansion**: > 7*
- **Drainage time 25 %**: > 6 minutes
- **Medium Expansion**: > 30*
- **High Expansion**: > 300*

* Foam expansion values depend on the equipment

**FOAM QUALITY AT 6%**

- **Low Expansion**: > 8*
- **Drainage time 25 %**: > 30 minutes
- **Medium Expansion**: > 100*
- **High Expansion**: > 600*

**PERFORMANCES & APPLICATIONS**

FILMOPOL 3X6LT15 complies with standards:

- EN 1568-1 • EN 1568-2 • EN 1568-3 • EN 1568-4
- Navy: Bureau Veritas certificate

FILMOPOL 3X6LT15 can be used with tap water, sea water and brackish water at 3% on hydrocarbon and at 6% on polar solvents fires as well as on special chemicals: acids, HF, HCl, amines, Butadiene, CS₂...

It is compatible with dry extinguishing powders and it is suitable with all kind of known equipment.

**WARRANTY & SERVICES**

FILMOPOL 3X6LT15 has a 10 years warranty in its original packaging and at storage temperatures -30°C/+60°C.

Our Quality Control Laboratory offers its analytical expertise BIO-LAB.

Safety Data and Environment Data are available upon request: contact@bio-ex.fr

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**bio-ex s.a.s.**

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www.bio-ex.com  TECHNICAL DATA  Date: 28/04/14 #0