



شركة السند لمعدات الإطفاء والسلامة العامة
ALSANAD FIREFIGHTING & SAFETY EQUIPMENT

Technical Data Sheet

FOAM CONCENTRATES



Aqueous Film Forming Foam Concentrate

SPECIFICATIONS

Product	AFFF 1%	AFFF 3%	AFFF 6%	AFFF Freeze Protect
Use Concentration	1%	3%	6%	1% / 3% / 6%
Specific Gravity	1.03 ± 0.02	1.01 ± 0.02	1.01 ± 0.02	1.06 ± 0.03
pH @ 20°C	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5
Viscosity @ 20°C	< 10 CST	< 10 CST	< 10 CST	< 10 CST
Suspended Sediment (V/V)	<0.1%	<0.1%	<0.1%	<0.1%
Freezing Point	-2°C	-2°C	-2°C	-31°C
Pour Point	-1°C	-1°C	-1°C	-30°C
Storage Temperature	+1.7°C Min. +50°C Max.	+1.7°C Min. +50°C Max.	+1.7°C Min. +50°C Max.	+29°C Min. +50°C Max.
Foam Expansion	Low > 7	Low > 7	Low > 7	Low > 7
25% Drainage Time	3 Minutes	3 Minutes	3 Minutes	4 Minutes

Alcohol Resistant Aqueous Film Forming Foam Concentrate

SPECIFICATIONS

Product	AR-AFFF 1 x 1	AR-AFFF 1 x 3	AR-AFFF 3 x 3	AR-AFFF 3 x 6
Use Concentration	1%	1% - 3%	3%	3% - 6%
Specific Gravity	1.05 ± 0.03	1.05 ± 0.03	1.02 ± 0.02	1.02 ± 0.02
pH @ 20°C	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5
Viscosity @ 20°C	2200 ± 500 CST	1750 ± 500 CST	1750 ± 500 CST	1500 ± 500 CST
Freezing Point	-2°C	-2°C	-2°C	-2°C
Pour Point	-1°C	-1°C	-1°C	-1°C
Storage Temperature	+1.7°C Min. +50°C Max.	+1.7°C Min. +50°C Max.	+1.7°C Min. +50°C Max.	+1.7°C Min. +50°C Max.
Foam Expansion	Low > 7	Low > 7	Low > 7	Low > 7
25% Drainage Time	8 Minutes	8 Minutes 12 Minutes	8 Minutes	8 Minutes 12 Minutes