

Product Specification Page

MIL-DTL-83054B, Type 2 Yellow

Fuel Tank Explosion Suppression: Yes
Slosh Attenuation (Baffling): Yes
Conductive: No



Notes:

Not recommended for any fuel containing alcohol, methanol and/or ethanol.

PROPERTY	Type II	
	Specification	S15M
Color	Yellow	Yellow
Density range (lbs/ft ³)	1.20 - 1.45	1.23 - 1.35
Porosity (pores per inch)	8 - 18	10
Air pressure drop (inches of water)	.140 - .230	0.19
Tensile strength (psi)	15 min	23
Ultimate elongation (percent)	220 min	280
Tear resistance (pound per inch)	5 min	6.5
Constant deflection compression set (%)	35 max	20
Compression load deflection at 25% deflection (psi)	.30 min	0.38
65% deflection (psi)	.50 min	0.54
Fuel displacement (volume-%)	2.5 max	1.9
Fluid retention (volume-percent) Fuel	2.5 max	1.9
Flammability (inches/minute)	15 max	10
Extractable materials (weight-%)	3.0 max	1.8
Volume increase after fluid age (volume-percent)		
Type I fluid	0 - 5	3
Type III fluid	0 - 12	9
JP-4 turbine fuel	0 - 10	7
Entrained solid contamination (mg/ft ³)	11.0 max	9.5
Steam autoclave exposure (percent tensile loss)	40 max	20



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