

Product Specification Page

MIL-DTL-83054B, Type 5 Light Blue

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 V | |
|---|---------------|-------------|
| | Specification | T30M |
| Color | Light Blue | Light Blue |
| Density range (lbs/ft ³) | 1.20 - 1.45 | 1.20 - 1.45 |
| Porosity (pores per inch) | 24 - 34 | 25 |
| Air pressure drop (inches of water) | .270 - .370 | 0.32 |
| Tensile strength (psi) | 15 min | 19 |
| Ultimate elongation (percent) | 100 min | 220 |
| Tear resistance (pound per inch) | 3 min | 4.5 |
| Constant deflection compression set (%) | 30 max | 15 |
| Compression load deflection at 25% deflection (psi) | .35 min | 0.55 |
| 65% deflection (psi) | .60 min | 0.8 |
| Fuel displacement (volume-%) | 2.5 max | <1.0 |
| Fluid retention (volume-percent) Fuel | 4.5 max | 4 |
| Flammability (inches/minute) | 15 max | 13 |
| Extractable materials (weight-%) | 3.0 max | 2.3 |
| Volume increase after fluid age (volume-percent) | | |
| Type I fluid | 0 - 15 | 8 |
| Type III fluid | 0 - 37 | 27 |
| JP-4 turbine fuel | 0 - 25 | 17 |
| Low Temperature Flexibility | | |
| Entrained solid contamination (mg/ft ³) | 11 max | 9.3 |
| Steam autoclave exposure (percent tensile loss) | 30 max | 17 |



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