



Aviation Devices & Electronic Components, L.L.C.
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Document: TDS_HT3326-5FR

Revision: N

Date: 08-04-20

TECHNICAL DATA SHEET

Part Number: HT3326-5FR, Self-Leveling® Green, Flame-Retardant

Description: Two-component polyurethane material designed for use as a watertight, flexible sealant. The low viscosity allows for easy application where self-leveling is desirable. The system demonstrates excellent cohesion and allows for easy removal when necessary.

Typical Physical Properties

Color, properly mixed	Green
Color, resin	Blue
Color, hardener	Yellow
Reaction Ratio - by weight	100:131.7 Resin:Hardener
Reaction Ratio - by volume	100:100
Specific Gravity, mixed, at 77°F/25°C (Calculated)	1.21 - 1.23
Specific Gravity, resin, at 77°F/25°C (ISO 2811)	1.04 - 1.07
Specific Gravity, hardener, at 77°F/25°C (ISO 2811)	1.38 - 1.4
Viscosity, resin, Cps. at 77°F/25°C (ASTM D2556)	1100 - 2700
Viscosity, hardener, Cps. at 77°F/25°C (ASTM D2556)	800 - 2000
VOC Content	0%
Working Life at 77°F/25°C	< 5 minutes
Gel Time, 10 g Mass at 77°F/25°C (ASTM D7997)	< 8 minutes
Shelf Life - in original packaging and stored above 55°F/13°C	Six months
Storage Temperature	> 55°F/13°C
Service Temperature Guide (RTCA DO-160G, Section 5, 2 cycles)	-85°F to 275°F /-65°C to 135°C
Application Temperature	> 55°F/13°C
Hardness, Shore "OO" at 77°F/25°C @ 24 hrs (ASTM D2240)	> 60
Dielectric Strength (ASTM D149 Method A)	> 350 V/mil
Tensile Strength (ASTM D412)	> 90 PSI
Elongation (ASTM D412)	> 150%
Salt Fog 3000hrs (ASTM B117)	No corrosion
Fluids Resistance (RTCA DO-160G, Section 11)	Contact technicalsupport@avdec.com
Fire Retardant per 14 CFR, PART 25-Subpart D, § 25.853 Compartment interiors & § 25.855 Cargo or baggage compartments Appendix F, Part I, (a)(1)(ii) (12 sec vertical test)	Passed

IMPORTANT - Consult the material safety data sheet (MSDS) before using this material.

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