

3M AC-236 Class A-2 Aerospace Sealant

Category : Polymer , Thermoset

Material Notes:

3M Aerospace Sealant AC-236 Class A are brushable, two-component, liquid polysulfide polymer sealant providing excellent fuel tank and fuselage seals. They have outstanding resistance to aviation gasoline and jet fuel, as well as resistance to chemicals and petroleum products common to the aircraft industry. 3M AC-236 Class A Sealants maintain flexibility and bond strength on most metal substrates like aluminum, stainless steel, steel, and many coatings under extremes of temperature, weathering and stress. The mixed compound is a pourable liquid applied by brush. They have excellent tooling properties. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-AC-236-Class-A-2-Aerospace-Sealant.php

Physical Properties	Metric	English	Comments
Density	1.64 g/cc	0.0592 lb/in ³	cured 14 days @ 50% RH
Volatiles	13 %	13 %	
Brookfield Viscosity	10000 - 50000 cP	10000 - 50000 cP	RVF #16 sp @ 10 rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	cured 14 days @ 50% RH

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	cured 14 days @ 50% RH
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	cured 14 days @ 50% RH

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	Tack-Free Time
	2880 min	48.0 hour	

Descriptive Properties	Value	Comments
Appearance	Gray	

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