

## 3M AC-730 Class C-4 (168) Aerospace Sealant

Category : Polymer , Thermoset

### Material Notes:

3M Aerospace Sealant AC-730 Class C are two-part, manganese-cured, non-chromate corrosion inhibiting sealants. These Sealants provide an effective barrier against the common causes of corrosion on aluminum and between dissimilar metals. 3M AC-730 Class C Sealants have outstanding resistance to aviation gasoline and jet fuel, as well as resistance to chemicals, hydraulic fluids and petroleum products common to the aircraft industry. The mixed compound is a flowable, fine surface grade material, easily applied by spatula, brush, roller or extrusion gun. They maintain flexibility and bond strength on most metal substrates under extremes of temperature, weathering stress. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-AC-730-Class-C-4-168-Aerospace-Sealant.php](http://www.lookpolymers.com/polymer_3M-AC-730-Class-C-4-168-Aerospace-Sealant.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	cured 14 days @ 50% RH; AMS3265
Volatiles	10 %	10 %	
Brookfield Viscosity	200000 - 400000 cP	200000 - 400000 cP	Base, RVF #7 sp @ 2 rpm

Mechanical Properties	Metric	English	Comments
Shear Strength	2.41 MPa	350 psi	cured 14 days @ 50% RH; AMS3265

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	cured 14 days @ 50% RH
	182 °C	360 °F	Short term, 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	10100 min	168 hour	Tack-Free Time
	50400 min	840 hour	
Shelf Life	9.00 Month	9.00 Month	
	@Temperature <=26.7 °C	@Temperature <=80.1 °F	

Descriptive Properties	Value	Comments
Appearance	Beige (White)	Base

Accelerator

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Descriptive Properties	Black Value	Comments
Dark Gray		

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## Contact Songhan Plastic Technology Co.,Ltd.

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