

3M AC-215 Class B- 1/2 Aerospace Sealant

Category : Polymer , Thermoset

Material Notes:

3M Aerospace Sealant AC-215 Class B are two-part, polysulfide access door sealants for faying surfaces where easy separation of jointed surfaces is required. They are a highly thixotropic reddish past which can easily be applied with a spatula, putty knife or caulking gun. The cured 3M AC-215 Class B Sealants have low adhesion and form a tough, "rubbery" gasket that molds well to surface irregularities. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-AC-215-Class-B-12-Aerospace-Sealant.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	MIL-S-8784
Volatiles	2.0 %	2.0 %	
Brookfield Viscosity	700000 - 900000 cP	700000 - 900000 cP	Base, RVF #7 sp @ 2 rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	MIL-S-8784
Peel Strength	0.351 kN/m	2.00 pli	Adhesion to Aluminum, steel, stainless steel, titanium, zinc, cadmium, chromium, magnesium, glass, enamel, Epoxy MIL-P-23377 and Urethane MIL-C-27725

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	MIL-S-8784
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	MIL-S-8784

Processing Properties	Metric	English	Comments
Cure Time	600 min	10.0 hour	Tack-Free Time
	1440 min	24.0 hour	

Descriptive Properties	Value	Comments
Appearance	Black	Accelerator
	Red/Pink	Base
	Red/Purple	

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