LAUR SILICONE

LAUR AMS-70 SILICONE RUBBER

DESCRITION

Laur **AMS-70** Silicone Rubber has been designed to meet AMS 3304 and Federal Specification ZZ-R-765B, Amendment 1 Class 2a & 2b without the need of a post cure. The material is catalyzed with 2,5-bis(tert-butylperoxy)-2,5-dimethylhexane peroxide, (Varox ® DBPH).

PRODUCT FEATURE

Laur **AMS-70** Silicone Rubber has the following features:

- Excellent Compression Set
- Good Heat Age Properties
- Good Resilience
- Excellent Bonding (when used with a primer)
- Brittle Point –100 °F

BONDING

An excellent bond can be achieved when used with a primer. Apply the primer according to supplier's directions. A layer of Laur 202 Silicone Rubber Dispersion may aid bonding in difficult applications.

TYPICAL PROPERTIES

Material	AMS-70	AMS 3304	ZZ-R-765B CLASS 2 A	AMENDMENT 1 CLASS 2B
Durometer, A-2	70	70 ± 5	70 ± 5	70 ± 5
Tensile, psi	1,350	800 min.	650 min.	650 min.
Elongation, %	300	125 min.	125 min.	80 min.
Tear B, ppi	95	50 min.	N/A	N/A
Specific Gravity	1.20	± 0.02	N/A	N/A
Compression set, %				
22 Hr. @ 347° F	7.0	20 max.	N/A	N/A
70 Hr. @ 302° F	7.0	N/A	40 max.	25 max.
Shrink, @ 340° F, %	3 - 4			
Resilience, %	57	N/A	N/A	N/A
Standard Color	Red	N/A	N/A	N/A

ALL SLABS MOLDED 10 MINUTES @ 340 °F

The properties listed here are typical values and are not intended to be used for writing specifications. For assistance in selecting a compound for a specific application, please contact our technical department.

SHELF LIFE

When stored below 90 °F, this series of materials has a shelf life of 3 months from date of sale.

FOOD GRADE STATUS

One or more components of Laur AMS-70 Silicone Rubber may NOT be listed in 21 CFR 177.2600. Therefore, this material is not recommended for use in applications requiring repeated contact with food.

WARRANTY

Laur Silicone, Inc. warrants that its products shall meet Seller's specifications. This is Seller's sole warranty with respect to such products. Seller warranties of merchantability and fitness for any particular purpose are hereby disclaimed by seller.

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