

LAUR SILICONE

LAUR MG-30 to MG-60 SILICONE RUBBER

DESCRIPTION

Laur **MG-30 to MG-60 Series** of Silicone Rubber has been designed to be a general purpose molding compound. These materials meet the original physical property requirements of AMS 3301E and Federal Specification ZZ-R-765B, Amendment 1 Class 2a & 2b without the need of a post cure. They may not meet the heat age requirements of these specifications. The materials are catalyzed with 2,5-bis(tert-butylperoxy)-2,5-dimethylhexane peroxide, (Varox® DBPH).

PRODUCT FEATURES

Laur **MG-XX Series** of Silicone Rubber has the following features:

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

BONDING

An excellent bond can be achieved when used with a primer. Apply the primer as directed on the supplier's data sheet. A layer of Laur 202 Silicone Rubber Dispersion may aid bonding in difficult applications.

TYPICAL PROPERTIES

Material	MG-30	MG-40	MG-50	MG-60
Durometer, A-2	30	40	50	60
Tensile Strength, psi	1300	1,300	1,450	1,400
Elongation, %	920	680	640	520
Tear, die B, ppi	80	100	115	125
Specific Gravity	1.11	1.13	1.16	1.19
Compression set				
22 Hr. At 212° F, %	8	4	2	2
70 Hr. At 302° F, %	18	10	8	10
Shrink, 340° F, %	3.8	3.5	3.5	3.4
Standard Color	Red	Red	Red	Red

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 MG-30 to MG-60 Series of Silicone Rubber may not be listed in 21 CFR 177.2600.

Therefore, these materials are not recommended for use in applications requiring repeated contact with food. Please contact Laur Silicone technical department for assistance in selecting a compound for food contact applications.

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.