

LAUR SILICONE

LAUR 14XX SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

The Laur 14XX series of materials offers thermal conductivity and thermal stability. The components of Laur 14XX are listed in 21 CFR 177.2600 for FDA applications.* It was designed to offer good heat transfer and heat stability without the need for a post cure. The material is designed to be self-bonding. In most applications, the use of a primer will improve bond performance.

TYPICAL PROPERTIES

Material	L-1450	L-1460	L-1470	L-1480
Durometer, Shore A	50	61	71	80
Tensile, psi (MPa)	900 (6.2)	850 (5.9)	925 (6.4)	700 (4.8)
Elongation, %	510	360	220	136
Tear B, ppi (kN/m)	85 (15)	80 (14)	85 (15)	75 (13)
Specific Gravity, g/cc	1.38	1.47	1.58	1.73
Standard Color	White	White	White	White

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. *The regulation contains limitations on extractables which apply to the finished fabricated article. For this reason, compliance with such limitations is the responsibility of the user.

SHELF LIFE

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

L14XX Series

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