

LAUR SILICONE

LAUR 15XX SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

The Laur 15XX series of material offer great thermal conductivity and thermal stability. The components of Laur 15XX are listed in 21 CFR 177.2600 including subsections 1, 2, and 3. Subsection 3 allows for the inclusion of components in 21 CFR 177 parts 170 through 189*. The series is intended for use with a post cure. Long autoclave cure cycles often used in the roller industry may eliminate the need for a post cure. Sheet stock should be post cured. Various colors are available.

TYPICAL PROPERTIES

Material	L-1550	L-1560	L-1570	L-1580
Durometer, Shore A	50	60	70	80
Tensile, psi	1000	800	825	675
Elongation, %	650	515	270	200
Tear B, ppi	120	100	85	75
Specific Gravity	1.39	1.46	1.61	1.73
Color	Red	Red	Red	Red

ALL SLABS MOLDED 10 MINUTES @ 340°F / POST CURE 4 HOURS @ 400°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.