

LAUR SILICONE

LAUR 10XXB SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

Laur 10XXB series of materials offers outstanding thermal stability. It was designed to offer high heat transfer without compromising heat stability. The series is intended to be used with a post cure. Practical field experience has shown, however, that roll builders using long autoclave cure cycles have achieved good results without a post cure. Sheet stock should be post cured. The material is designed to be self-bonding. In most applications the use of a primer will improve bond performance.

TYPICAL PROPERTIES

Material	L-1044B	L-1055B	L-1066B	L-1077B	L-1088B	L-1099
Durometer, A-2	41	52	61	70	80	90
Tensile, psi	890	940	1,050	1,030	1,100	1,110
Elongation, %	535	365	270	185	125	60
Tear B, ppi	55	55	65	60	55	55
Specific Gravity	1.11	1.35	1.45	1.60	1.72	1.75
Compression set 22 Hr. at 350 °F, %	15	17	18	20	24	30
Shrink, at 340°F, %	4.5	3.8	3.3	2.5	2.5	1.9
Resilience, %	68	65	61	58	55	44
Standard Color	Red	Red	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.

SHELF LIFE

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