

LAUR SILICONE

LAUR 18XXD SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

Laur 18XXD series of materials offers outstanding thermal conductivity. It was designed for maximum heat transfer while retaining good heat stability. The series does not require a post cure. The material is designed to be self-bonding. However, in most applications the use of a primer will improve bond performance.

TYPICAL PROPERTIES

Material	L-1850D	L-1860D	L-1870D	L-1880D	L-1890D
Durometer, A-2	50	60	70	80	90
Tensile, psi	700	835	930	990	1005
Elongation, %	215	180	160	120	90
Specific Gravity	1.73	1.87	1.99	2.12	2.15
Compression set 22 Hr. at 350 °F, %	14	11	14	16	11
Shrink, at 340° F, %	3.2	2.9	2.5	2.2	2.1
Resilience, %	68	62	56	54	41
Standard Color	Brown	Brown	Brown	Brown	Brown

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.