

LAUR SILICONE

LAUR 5XX SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

The Laur 5XX series of material offers outstanding thermal stability. It is designed to offer high heat transfer without compromising heat stability. 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. The material is designed to be self-bonding, however in most applications the use of a primer will improve bond performance. Various colors are available.

TYPICAL PROPERTIES

Material	L-550	L-560	L-570	L-580
Durometer, Shore A	50	60	70	80
Tensile, psi	1130	1050	970	930
Elongation, %	500	380	265	195
Tear B, pli	95	85	75	70
Specific Gravity	1.37	1.49	1.62	1.72
Compression Set (22hrs @ 175°C)	12%	13%	12%	12%
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.