

LAUR SILICONE

LAUR AS-2XXR SERIES SILICONE RUBBER

ANTI-STATIC SILICONE

The AS-2XX series of material is intended to be anti-static while retaining better physical properties than most conductive silicones. The conductivity values are in the range that ASTM defines as "Anti-Static". These materials are not designed for maximum electrical conductivity. These compounds are designed to be processed by calendaring or molding techniques. Processing by extrusion is possible if utilizing a salt bath to cure.

TYPICAL PROPERTIES

Material	AS-250R	AS-260R	AS-270R	AS-280R
Durometer, Shore A	50	60	70	80
Tensile, psi	1000	1030	1050	900
Elongation, %	450	340	270	150
Tear B, ppi	75	80	80	65
Specific Gravity	1.20	1.24	1.28	1.53
Resistivity ¹ , ohm-cm	11,400	13,400	14,000	1,000
Color	Black	Black	Black	Black

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.

Per ASTM D991, generally antistatic rubber products are considered to have volume resistivity of 10^4 to 10^8 ohm-cm. Conductive rubber products are generally considered to have a volume resistivity of less than 10^4 ohm-cm.

¹ The volume resistivity values given reflect actual test values. Due to the nature of the test and the materials, these values may change more than most rubber properties.