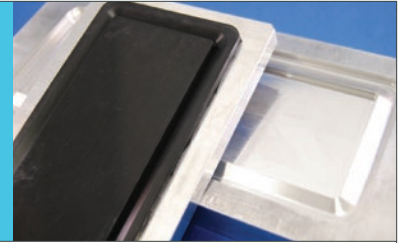


WESLASTOMER™ MOLDING COMPOUNDS

A-A-59588 CLASS 3B, GRADE 50 SILICONE



Modus Advanced, Inc.'s military-grade A-A 59588A silicone is a heat cured elastomer. It is a fully-compliant 3B material. This product meets all Grade 50 physical and mechanical requirements. This includes durometer (Shore A), tensile strength, elongation, tear B, compression set, specific gravity, and low temperature brittle point. The following table contains test data generated with a DCLBP peroxide catalyst system.

A-A-59588, CLASS 3B, GRADE 50		
TEST	REQUIREMENTS	TYPICAL VALUES
Shore A	45 – 55	50
Tensile Strength (psi)	1200 min.	1280
Elongation (%)	500 min.	660
Tear B (ppi)	150 min.	240
Compression Set (%)	20 max.	15
Specific Gravity	1.12 – 1.20	1.15
Flex Resistance (140,000 cycles/inch)	0.5 max.	0.42
Low Temperature Brittle Point @ -70° C	Pass 5 of 5	Pass

APPLICATIONS

- Molded parts, sheets, strips and extruded shapes

FEATURES AND BENEFITS

- High flex-fatigue resistance
- Excellent UV and ozone resistance
- Extreme temperature resistance
- Varox peroxide catalyst system

AVAILABILITY

- Die Cut
- Custom molded into shapes

COLORS

- RC350-0250 - Black
- RC350-0251 - Gray
- RC350-0252 - Red



SEND US A DRAWING, AND WE MOLD THE MATERIAL TO YOUR EXACT CONFIGURATIONS

The images above are meant to demonstrate our fabrication capabilities and do not represent materials described in this data sheet.

CUSTOMERS ALSO SEARCHED:

custom molded rubber	rubber to metal bonding	Fully compliant A-A-59588
molded rubber	custom molded rubber	Class 3B silicone
china molded rubber	products	Extruded A-A-59588
USA molded rubber	custom rubber molding	AA59588
compression molded rubber	custom rubber production	ASTM D813-07
rubber manufacturer	silicone molding	A-A-59588 3B certification
custom injection molding	neoprene gasket	silicon elastomer
custom compression molding	custom molded neoprene	silicon elastomers
custom molding	military molded rubber	silicone elastomer
custom molded silicone	aerospace rubber	silicone elastomers
molded silicone	A-A-59588 Class 3B silicone	silicon elastomer msds
molded gasket	Flex-fatigue resistance	silicone elastomer msds
medical molding	silicone	A-A-59588 class 3b grade 50
	DeMattia Flexural Test	

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

LET MODUS CUT IT OR MOLD IT

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer that converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

This information is based on data believed to be reliable, but Modus makes no warranties, expressed or implied, as to its accuracy and assumes no liability arising out of its use. The data listed falls within the normal range of product properties, but should not be used to establish specification limits or used alone as the basis of design. Modus' liability to purchasers is expressly limited to the terms and conditions of sales listed on our website.