



# Mechanical Rubber

## PRODUCTS COMPANY, INC.

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### Technical Data Sheet

### TYPICAL PROPERTIES OF MR60-50-01

**SPECIFICATIONS:**

AMS3302  
ZZR765, CLASS 2A/2B, GRADE 50  
AA59588, CLASS 2A/2B, GRADE 50

**GENERAL PROPERTIES:**

SILICONE  
50 DUROMETER, SHORE A

**TEMPERATURE RANGE:**

-80F TO 500F

**COLOR:**

GRAY

**TYPICAL RESISTANCES:**

AGING, HEAT - SUNLIGHT  
ELECTRIAL INSULATION  
FLEX / IMPACT  
LOW COMPRESSION SET  
OIL RESISTANCE,  
ANIMAL - VEGETABLE -  
OXIDATION  
OZONE  
TEAR  
TEMPERATURE,  
EXTREME HIGH & LOW  
WEATHER

**PROCESSES:**

DIE CUTTING  
SHEETING  
FABRICATION

**APPROVALS:**

FDA INGREDIENTS PER  
CFR 177.2600  
DHMS P1.34, TYPE 2,  
GRADE 3

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	50±5, SHORE A
TENSILE STRENGTH	ASTM D412	900 PSI
ELONGATION	ASTM D412	400%
TEAR RESISTANCE	ASTM D624	120 LB/IN
COMPRESSION SET	ASTM D395 METHOD B ASTM D1056	AS TESTED
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	N/A
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	AS TESTED
WATER ABSORPTION	ASTM D1056	AS TESTED
OIL RESISTANCE	ASTM D471	N/A
LOW TEMPERATURE	ASTM D1056, ASTM D2137 METHOD A	AS TESTED

The above information is furnished as a guide for selecting materials. Mechanical Rubber disclaims liability for results or use of this information. It is the end user's responsibility to obtain and test samples when determining suitability of material for a particular application.

