



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR60-50-33

SPECIFICATIONS:

AMS3347
ZZR765, CLASS 3B, GRADE 50
AA59588, CLASS 3B, GRADE 50

GENERAL PROPERTIES:

SILICONE
50 DUROMETER, SHORE A

TEMPERATURE RANGE:

-94F TO 450F

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 FOR FOOD

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	50±5, SHORE A
TENSILE STRENGTH	ASTM D412	1275 PSI
ELONGATION	ASTM D412	500%
TEAR RESISTANCE	ASTM D624	190 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.

