



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR60-50-04

SPECIFICATIONS:
COMMERCIAL GRADE
ASTM D2000 GE504

GENERAL PROPERTIES:
SILICONE
50 DUROMETER, SHORE A

TEMPERATURE RANGE:
-80°F TO 450°F

COLOR:
BLACK

TYPICAL RESISTANCES:
AGING, HEAT - SUNLIGHT
ELECTRIAL INSULATION
OIL RESISTANCE,
ANIMAL - VEGETABLE -
OXIDATION
OZONE
WEATHER

PROCESSES:
DIE CUTTING
SHEETING
FABRICATION

APPROVALS:

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	50±5, SHORE A
TENSILE STRENGTH	ASTM D412	600 PSI
ELONGATION	ASTM D412	300%
TEAR RESISTANCE	ASTM D624, DIE B	80 LB/IN
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	AS TESTED
COMPRESSION DEFLECTION	ASTM D573, ASTM D1056	N/A
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	N/A
WATER ABSORPTION	ASTM D1056	N/A
OIL RESISTANCE	ASTM D471	N/A
LOW TEMPERATURE	ASTM D1056, ASTM D2137 METHOD A	N/A

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.

