



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR60-242-WH-07

SPECIFICATIONS:

AMS3195
MILR46089, GRADE MEDIUM
MILSTD670TE12

GENERAL PROPERTIES:

CLOSED CELL SILICONE SPONGE

TEMPERATURE RANGE:

-103°F TO 450°F

COLOR:

WHITE

TYPICAL RESISTANCES:

ABSORPTION - WATER
ACID - DILUTED
COLD
ELECTRICAL INSULATION
HEAT
HEAT AGING
OXIDATION
OZONE
REBOUND - COLD & HOT
SUNLIGHT AGING
WEATHER

PROCESSES:

DIE CUTTING
SHEETING
FABRICATION

APPROVALS:

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	37 ± 6 PCF 60 - 90, SHORE OO
TENSILE STRENGTH	ASTM D412	100 PSI
ELONGATION	ASTM D412	200%
TEAR RESISTANCE	ASTM D624	N/A
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	29%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	11 PSI
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	-5 TO 30%
WATER ABSORPTION	ASTM D1056	5% MAX.
OIL RESISTANCE	ASTM D471	AS TESTED
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.

