



Mechanical Rubber

PRODUCTS COMPANY, INC.

PO Box 593 • 77 Forester Ave., Suite 1, Warwick, NY 10990-1107 • 845-986-2271 • Fax 845-986-0399 • www.mechanicalrubber.com

Technical Data Sheet

TYPICAL PROPERTIES OF MR40-40-25

SPECIFICATIONS:
COMMERCIAL

GENERAL PROPERTIES:
NITRILE / BUNA N
40 DUROMETER, SHORE A

TEMPERATURE RANGE:
-25°F TO 200°F

COLOR:
BLACK

TYPICAL RESISTANCES:
ABRASION
AGING, HEAT
COMPRESSION SET
DYNAMIC PROPERTIES
ELONGATION
OIL RESISTANCE,
ANIMAL - VEGETABLE -
AROMATIC
LUBRICATING
OXIDATION

PROCESSES:
DIE CUTTING
SHEETING
FABRICATION

APPROVALS:

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	40±5, SHORE A
TENSILE STRENGTH	ASTM D412	1500 PSI
ELONGATION	ASTM D412	400%
TEAR RESISTANCE	ASTM D624	N/A
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	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.

