



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR75-50-01

SPECIFICATIONS:
COMMERCIAL GRADE

GENERAL PROPERTIES:
POLYURETHANE
55 DUROMETER, SHORE A

TEMPERATURE RANGE:
-10°F TO 185°F

COLOR:
BLACK

TYPICAL RESISTANCES:
ABRASION
ADHESION TO FABRICS / METALS
COLD
DIELECTRIC STRENGTH
HYDROCARBONS - ALIPHATIC
OIL - ANIMAL, VEGETABLE
GASOLINE - SWELL
OXIDATION / OZONE
RADIATION
TEAR
TENSILE STRENGTH
WEATHER

PROCESSES:
DIE CUTTING
SHEETING
FABRICATION

APPROVALS:

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	55±5, SHORE A
TENSILE STRENGTH	ASTM D412	3100 PSI
ELONGATION	ASTM D412	490%
TEAR RESISTANCE	ASTM D624, DIE C	175LB/IN
COMPRESSION SET	ASTM D395 22 HRS @ 158°F	8% MAX
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	33 PSI

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.

