



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR40-70-34TN

SPECIFICATIONS:

FOOD PROCESSING, SHRIMP

GENERAL PROPERTIES:

NITRILE
70 DUROMETER, SHORE A

TEMPERATURE RANGE:

-40°F TO 240°F

COLOR:

TAN

TYPICAL RESISTANCES:

HYDROCARBONS
OIL RESISTANCE,
ANIMAL - VEGETABLE - GAS
RADIATION
SWELL
TEAR

PROCESSES:

EXTRUSION
MOLDED

APPROVALS:

FDA INGREDIENTS PER
CFR 177.2600

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	70±5, SHORE A
TENSILE STRENGTH	ASTM D412	800 PSI
ELONGATION	ASTM D412	200%
TEAR RESISTANCE	ASTM D624, DIE C	50 PPI
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	85%
OIL RESISTANCE	ASTM D471	AS TESTED
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	AS TESTED
WATER ABSORPTION	ASTM D1056	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.

