



# 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 MR35-80-02

**SPECIFICATIONS:**

MILPRF6855, CLASS 2, GRADE 80  
MILR6855, CLASS 2, GRADE 80  
MILR3065, SC810 A, F1  
MILR3065, GRADE SC805

**GENERAL PROPERTIES:**

CHLOROPRENE / NEOPRENE®  
80 DUROMETER, SHORE A

**TEMPERATURE RANGE:**

-50F TO 220F

**COLOR:**

BLACK

**TYPICAL RESISTANCES:**

ABRASION  
AGING, HEAT - SUNLIGHT  
ELONGATION  
FLAME  
OIL RESISTANCE,  
ANIMAL - VEGETABLE  
OXIDATION  
OZONE  
TEAR  
WEATHER

**PROCESSES:**

EXTRUSION  
MOLDING  
FABRICATION

**APPROVALS:**

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	80±5, SHORE A
TENSILE STRENGTH	ASTM D412	1880 PSI
ELONGATION	ASTM D412	160%
TEAR RESISTANCE	ASTM D624	46 LB/IN
COMPRESSION SET	ASTM D395 METHOD B ASTM D1056	22%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	N/A
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	AS TESTED
WATER ABSORPTION	ASTM D1056	AS TESTED
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.

