

# Mechanical RUBBER™

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## Technical Data Sheet

## TYPICAL PROPERTIES OF MR35-40-04

### SPECIFICATIONS:

MILPRF6855, CLASS 2, TYPE A / B, GRADE 40  
MILR6855, CLASS 2, TYPE A / B, GRADE 40

### GENERAL PROPERTIES

CHLOROPRENE / NEOPRENE®  
40 DUROMETER, SHORE A

### TEMPERATURE RANGE:

-50°F TO 220°F

### COLOR:

BLACK

### TYPICAL RESISTANCES:

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

### PROCESSES:

FABRICATION  
SHEETING

### APPROVALS:

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	40±5, SHORE A
TENSILE STRENGTH	ASTM D412	1600 PSI
ELONGATION	ASTM D412	550%
TEAR RESISTANCE	ASTM D624	AS TESTED
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	AS TESTED
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	N/A
ACCELERATED HEAT AGING	ASTM D575, 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.