



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR35-242A-BK-03

SPECIFICATIONS:

ASTM D6576, TYPE 2, GRADES A, B, & C, SOFT/MEDIUM
 ASTM D1056, SCE42
 ASTM D1056, RE42
 ASTM D1056, 2A2
 MILR6130, TYPE 2, GRADE A, B, & C CONDITION MEDIUM
 MILC3133 / MILSTD670B, SCE7

GENERAL PROPERTIES:

CLOSED CELL SPONGE
 NEOPRENE/EPDM/SBR BLEND

TEMPERATURE RANGE:

-40°F TO 200°F

COLOR:

BLACK

TYPICAL RESISTANCES:

ACID
 ALKALI
 KETONES
 OXIDATION
 OZONE

PROCESSES:

DIE CUTTING
 SHEETING
 FABRICATION

APPROVALS:

UL 94 HF-1: FLAME
 SAE J369: FLAME
 FMVSS-302: FLAME

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	4 - 8 PCF 50±5, SHORE OO
TENSILE STRENGTH	ASTM D412	100 PSI
ELONGATION	ASTM D412	125%
TEAR RESISTANCE	ASTM D624, DIE B	9.6 LB/IN
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	< 35%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	5 - 9 PSI
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	±30%
WATER ABSORPTION	ASTM D1056	< 10%
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.

