



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR35-241A-BK-01

SPECIFICATIONS:

ASTM D6576, TYPE 2, GRADES A, B, & C, SOFT
ASTM D1056, SCE41
ASTM D1056, RE41
ASTM D1056, 2A1
MILR6130, TYPE 2, GRADE A, B, & C CONDITION SOFT
MILC3133 / MILSTD670B, SCE5

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
FMVSS-302: FLAME

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	4 - 8 PCF 45±5, SHORE OO
TENSILE STRENGTH	ASTM D412	75 PSI
ELONGATION	ASTM D412	125%
TEAR RESISTANCE	ASTM D624	9.6 LB/IN
COMPRESSION SET	ASTM D395 METHOD B ASTM D1056	< 40%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	2 - 5 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.

