



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR18-245B-BK-01

SPECIFICATIONS:

ASTM D6576, TYPE 2, GRADES A & B, EXTRA FIRM
ASTM D1056, B2C2F1M
ASTM D1056, 2B5
MILR6130, TYPE 2, GRADE A / B, CONDITION FIRM

GENERAL PROPERTIES:

CLOSED CELL EPICHLOROHYDRIN SPONGE

TEMPERATURE RANGE:

-40°F TO 300°F

COLOR:

BLACK

TYPICAL RESISTANCES:

ADHESION TO METALS
DYNAMIC PROPERTIES
HYDROCARBONS - ALIPHATIC & AROMATIC
OIL - ANIMAL & VEGETABLE, OIL & GAS
OXIDATION
OZONE
RADIATION
SWELLING IN OIL
TENSILE STRENGTH

PROCESSES:

DIE CUTTING
SHEETING
FABRICATION

APPROVALS:

FMVSS-302: FLAME

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	17 - 29 PCF 77±13 SHORE OO
TENSILE STRENGTH	ASTM D412	150 PSI
ELONGATION	ASTM D412	150%
TEAR RESISTANCE	ASTM D624, DIE C	50 LB/IN
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	< 20%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	17 - 25 PSI
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	±30%
WATER ABSORPTION	ASTM D1056	< 5%
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.

