



Mechanical Rubber

PRODUCTS COMPANY, INC.

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Technical Data Sheet

TYPICAL PROPERTIES OF MR35-70-46

SPECIFICATIONS:

ASTM C1166
ASTM E162
ASTM E662
ASTM E1354
BOMBARDIER SMP 800-C, REV.6

GENERAL PROPERTIES:

NEOPRENE
70 DUROMETER, SHORE A

TEMPERATURE RANGE:

-30F TO 200F

COLOR:

BLACK

TYPICAL RESISTANCES:

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

PROCESSES:

EXTRUSION
FABRICATION
MOLDING
SPLICING

APPROVALS:

FST FOR NFPA 130

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	70±5, SHORE A
TENSILE STRENGTH	ASTM D412	1869 PSI
ELONGATION	ASTM D412	492%
TEAR RESISTANCE	ASTM D624	85C
COMPRESSION SET	ASTM D395 METHOD B ASTM D1056	30%
FLAME PROPAGATION OF ELASTOMERS	ASTM C1166	AVG. FLAME: 23 MM / 0.9 IN
SURFACE FLAMMABILITY - RADIANT HEAT	ASTM E162	FLAME SPREAD INDEX: AVG. 5
OPTICAL DENSITY OF SMOKE	ASTM E662	FLAMING: PASS NON-FLAMING: PASS
HEAT & SMOKE RELEASE RATES - OXYGEN CONSUMPT.	ASTM E1354	HEAT: AVG. HEAT RELEASE: 56.6 KW/M2 SMOKE: AVG. EXTINGUISH AREA: 262.4 M2/KG
TOXICITY ANALYSIS	BOMBARDIER SMP 800-C, REV.6	FLAMING: PASS NON-FLAMING: PASS

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.

