

Mechanical RUBBER™

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Technical Data Sheet

TYPICAL PROPERTIES OF MR35-75-01

SPECIFICATIONS:

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

GENERAL PROPERTIES

NEOPRENE
75 DUROMETER, SHORE A

TEMPERATURE RANGE:

-30°F TO 200°F

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	75±5, SHORE A
TENSILE STRENGTH	ASTM D412	1622 PSI
ELONGATION	ASTM D412	157%
TEAR RESISTANCE	ASTM D412	122 PPI, DIE C
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	78%
FLAME PROPAGATION OF ELASTOMERS	ASTM C1166	AVG. FLAME: 103.7 MM / 4.083 IN
ACCELERATED HEAT AGING	ASTM D573	AS TESTED
OPTICAL DENSITY OF SMOKE	ASTM E662	NON-FLAMING: 1.5'=1.1", 4.0'=25.5", DM=262.3", DM(CORR)=257.4" FLAMING: 1.5'=28.8", 4.0'=257.4", DM=343.0", DM(CORR)=327.6"
HEAT & SMOKE RELEASE RATES - OXYGEN CONSUMPTION	ASTM E1354	TIME: SELF-EXTINGUISHMENT: 554.7 SEC HEAT: AVG. HEAT RELEASE: 71.47 KW/M2 SMOKE: AVG. EXTINGUISH AREA: 60.93 M2/KG
TOXICITY ANALYSIS	BOMBARDIER SMP 800-C, REV.6	FLAMING: PASS NON-FLAMING: PASS

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