

Technical Data Sheet

TYPICAL PROPERTIES OF MR35-242C-BK-12

SPECIFICATIONS:

ASTM D6576, TYPE 2, GRADE C
SOFT-MEDIUM
ASTM D1056, 2C2, B3,C1,C2,F1,M
MILR6130, TYPE 2, GRADE C

GENERAL PROPERTIES

CLOSED CELL NEOPRENE SPONGE

TEMPERATURE RANGE:

SERVICE: -40°F TO 150°F
HIGH INTERMITTENT: 200°F

COLOR:

BLACK

TYPICAL RESISTANCES:

ACID
ADHESION
AGING: SUNLIGHT
ALKALI
HEAT
OXIDATION
OZONE
RADIATION
REBOUND
WEATHER

PROCESSES:

DIE CUTTING
FABRICATION
SHEETING

APPROVALS:

FMVSS-302: .125" OR
THICKER
UL508 / UL50 / UL50E / UL48

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	7 - 11 PCF, 50±15, SHORE OO
TENSILE STRENGTH	ASTM D412	65 PSI
ELONGATION	ASTM D412	125%
TEAR RESISTANCE	ASTM D624, DIE B	12 LB/IN
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	< 30%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	5 - 9 PSI
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	< 30%
WATER ABSORPTION	ASTM D1056	< 5%

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.