

# Mechanical RUBBER™

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## Technical Data Sheet

### TYPICAL PROPERTIES OF MR35-141A-BK-06

**SPECIFICATIONS:**  
AMS3197

**GENERAL PROPERTIES**  
OPEN CELL NEOPRENE SPONGE

**TEMPERATURE RANGE:**  
-40°F TO 175°F

**COLOR:**  
BLACK

**TYPICAL RESISTANCES:**  
ABRASION  
ACID  
ALKALI  
KETONES  
OXIDATION  
OZONE  
TEAR

**PROCESSES:**  
DIE CUTTING  
SHEETING  
FABRICATION

**APPROVALS:**

PHYSICAL PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULT
DENSITY - DUROMETER	ASTM D1056, ASTM D2240	<b>SPECIFIC VOLUME:</b> GAUGE: .062" TO .312" = 36 TO 61 PCF GAUGE: .375" TO 1.000" = 63 TO 80 PCF
TENSILE STRENGTH	ASTM D412	N/A
ELONGATION	ASTM D412	N/A
TEAR RESISTANCE	ASTM D624	N/A
COMPRESSION SET	ASTM D395, METHOD B ASTM D1056	40%
COMPRESSION DEFLECTION	ASTM D575, ASTM D1056	1 - 4 PSI
ACCELERATED HEAT AGING	ASTM D573, ASTM D1056	<b>COMPRESSION DEFLECTION: -5 TO 30%</b> <b>VOLUME CHANGE: -10 TO 10%</b>
LOW TEMPERATURE	ASTM D1056, ASTM D2137, METHOD A AMS3197	NO CRACKING
HYDROGEN ION CONCENTRATION	AMS3197	6.0 - 8.0 PH

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