



AS Rubber & Plastics Limited

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TECHNICAL DATA SHEET

AS203 Firm Grade Expanded Neoprene Sponge Rubber

<u>PROPERTIES</u>	<u>AVERAGE VALUE</u>
ASTM D1056-14 Classification	2C3 B2 M
Density (ASTM D3575)	150-200 Kg/m ³
Compression Deflection (25% - ASTM D1056)	60-90 kPa
Compression Deflection (50% - ASTM D1056)	100-130 kPa
Compression Set (25%/22h/23°C) – After 24 Hrs (ASTM D 1056)	1-3%
Compression Set (50%/22h/23°C) – After 24 Hrs (ASTM D 1056)	8-15%
Shrinkage (22h/70°C) ASTM D573	3-7%
Shore Hardness “00” Scale	50-60
Elongation (ASTM D412)	> 150-200%
Temperature Range (Constant)	- 40°C / + 80°C
Temperature Range (Intermittent)	+ 100°C
Water Absorption Max weight change (ASTM D 1056)	1-2%

Tensile Strength (ASTM D 412)

680-750 kPa

Flame Resistance (>3mm)

FMVSS302 Pass

Environmental Protection

CFC & HCFC Free

April 2024