



AS Rubber & Plastics Limited

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TECHNICAL DATA SHEET

AS202 (Grey) FR Expanded Neoprene Sponge Rubber

PROPERTIES

AVERAGE VALUE

ASTM D1056-14 Classification	2C2 B3 M
Density (ASTM D3575)	130-170 Kg/m ³
Compression Deflection (25% - ASTM D1056)	20-40 kPa
Compression Deflection (50% - ASTM D1056)	50-70 kPa
Compression Set (25%/22h/23°C) – After 24 Hrs (ASTM D 1056)	2-4%
Compression Set (50%/22h/23°C) – After 24 Hrs (ASTM D 1056)	15-35%
Shrinkage (22h/70°C) ASTM D573	5-10%
Shore Hardness “00” Scale	40-50
Elongation (ASTM D412)	150-200%
Temperature Range (Constant)	- 40°C / + 80°C
Temperature Range (Intermittent)	+ 90°C
Water Absorption Max weight change (ASTM D 1056)	1-2%

Tensile Strength (ASTM D 412)

530-600 kPa

Flame Resistance (>3mm)

UL94-HF1 Pass

Flame Resistance (>3mm)

FMVSS302 Pass

Environmental Protection

CFC & HCFC Free

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