



AS Rubber & Plastics Limited

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TECHNICAL DATA SHEET

AS409 FR Expanded EPDM Sponge Rubber

PROPERTIES

AVERAGE VALUE

ASTM D1056-14 Classification	2A1 B3 C M
Density (ASTM D3575)	75-105 Kg/m ³
Compression Deflection (25% - ASTM D1056)	30-40 kPa
Compression Deflection (50% - ASTM D1056)	65-75 kPa
Compression Set (25%/22h/23°C) – After 24 Hrs (ASTM D 1056)	15-25%
Compression Set (50%/22h/23°C) – After 24 Hrs (ASTM D 1056)	35-45%
Shrinkage (22h/70°C) ASTM D573	7-11%
Shore Hardness “00” Scale	30-40
Elongation (ASTM D412)	> 180-240%
Temperature Range (Constant)	- 30°C / + 60°C
Temperature Range (Intermittent)	+ 80°C
Water Absorption Max weight change (ASTM D 1056)	1-2%

Tensile Strength (ASTM D 412)

350-450 kPa

Flame Resistance (>3mm)

FMVSS302 Pass

Flame Resistance (>3mm)

UL94 HF-1 Pass

Environmental Protection

CFC, Halogen & HCFC Free

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