



# AS Rubber & Plastics Limited

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## TECHNICAL DATA SHEET

### AS202 Expanded Neoprene Sponge Rubber

Desc.	Standard	Value	Unit
ASTM D1056-14 Classification	2C3 B3 M		
Density	ASTM D3575	140-190	Kg/m <sup>3</sup>
Compression Deflection (25%)	ASTM D1056	35-60	kPa
Compression Deflection (50%)	ASTM D1056	70-120	kPa
Compression Set (25%/22h/23°C) – After 24hrs	ASTM D1056	2-5	%
Compression Set (50%/22h/23°C) – After 24hrs	ASTM D1056	15-35	%
Shrinkage (22h/70°C)	ASTM D573	4-8	%
Shore Hardness		40-50	00
Elongation	ASTM D412	180-220	%
Temperature Range (Constant)		-40 / +75	°C
Temperature Range (Intermittent)		+90	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-2	%
Tensile Strength	ASTM D412	500-550	kPa
Flame Resistance (>3mm)	FMVSS302	Pass	
Environmental Protection		CFC & HCFC FREE	

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***The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, AS Rubber does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.***

***We recommend evaluation prior to use to ascertain the suitability of the material for the application.***