



AS Rubber & Plastics Limited

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TECHNICAL DATA SHEET

Expanded Neoprene Sponge Cord

Typical Properties

Type of Polymer	-	Polychloroprene
Cellular Structure	-	Closed
Density – ASTM D 3575-B	-	340 Kg/M ³ +/- 5 Kg/M ³
Water absorption	-	5% Max.
Working Temperature	-	-30°C to 90°C Max
Elongation at Break	-	80%
Compression Deflection (Strain 25%) – ASTM D1056	-	0.150 MPa Max
Compression Set, reading after 24H (Strain 50% 22hrs at 23°C – ASTM D1056)	-	25% Max.
Fire resistance FMVSS 302	-	Conforms
Resistance to cold	-	3
Resistance to air and U.V. Rays	-	3
Resistance to dilute acids	-	3

Resistance to alkalis	-	3
Resistance to animal or vegetable oils	-	3
Resistance to solvents:		
aliphatic	-	2
Aromatic	-	1
Chlorinated	-	3
Ketonic	-	1
Resistance to swelling in oil and petrol	-	3
Acoustic and sound insulation	-	2

Classification:

- 1 = nil to weak**
- 2 = average**
- 3 = good**
- 4 = excellent**