

Neoprene Rubber



Colour	Black
Hardness	60 +/-5 ShoreA
Tensile Strength	3MPA
Elongation	150% - 200%
Temperature Range	-30°C to 110°C
Surface	Smooth
Density	1.6g/cm ³

- Good resistance to Grease and Oil
- Good ozone and U.V. resistance
- Suitable for outdoor applications
- Gaskets
- Baffles
- Joint Sealing
- Bearing Rubber

Amended Report / Certificate

This replaces previous Report / Certificate no.:
 INZ70598-01 dated 10/9/20.

File Ref: INZ 70598

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TEST CERTIFICATE No.: INZ70598-01A

Client: NZ Rubber & Foam Ltd
 Order No.: 020920
 Sample Description: Rubber samples as supplied
 Identification: As listed
 Material Specification: Natural and Neoprene rubber
 Tested in accordance with: Client Instruction

Test: The displacement and load of rubber samples supplied (100mm x 100mm x 20mm) was measured as the sample was placed under compression.

Loading rate: 25mm/min

Results:

Sample		Load at displacement		
		5mm	10mm	13mm*
Natural	kN	44.0	163.8	410.2
	kg	4490	16700	41810
Neoprene	kN	26.0	95.3	265.4
	kg	2650	9710	27050

Note:

Natural Rubber test was ended prematurely due to program parameters
 kN measurements rounded to 1dp. Kg measurements rounded to nearest 10kg

Natural vs Neoprene

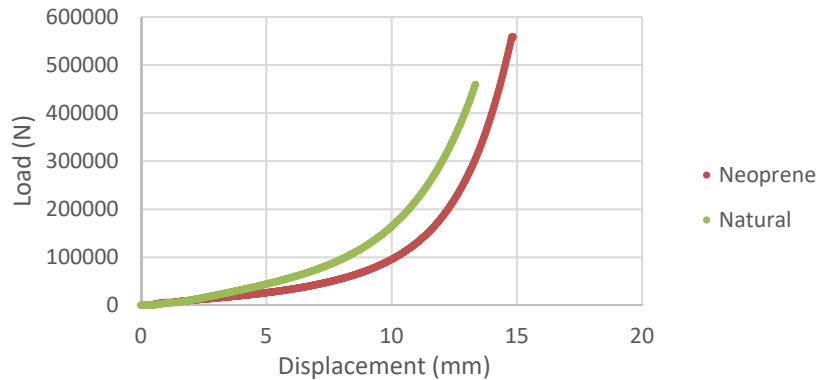


Figure 1: Compression load vs displacement

Acceptance Criteria: Report findings

Tested by: J. McClintock

Reviewed By: Kelvin Chin

Authorised By: Jen Sun Hong

Date: 7-Sep-20

11-Sep-20

Kelvin Chin

11-Sep-20

Jen Sun Hong

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