

## Natural Rubber IRHD60



<b>Colour</b>	Black
<b>Hardness</b>	60 +/-5 ShoreA
<b>Tensile Strength</b>	4MPA
<b>Elongation</b>	120% - 180%
<b>Temperature Range</b>	-50°C to 110°C
<b>Surface</b>	Smooth
<b>Density</b>	1.6g/cm <sup>3</sup>

### Suitable for:

- Gaskets
- 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

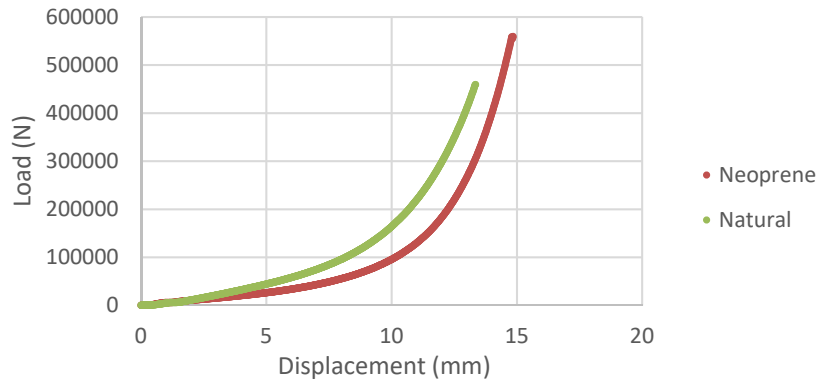


Figure 1: Compression load vs displacement

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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