



# Sinclair & Rush

Global Manufacturer of Plastic, Rubber & Foam Components

Sinclair & Rush Ltd  
11-13 Spectrum West,  
20/20 Business Estate,  
St Lawrence Avenue,  
Maidstone ME16 0LL  
01634 686 504

## DATA SHEET

### IRM 170-21

#### Black Natural Rubber.

<u>PROPERTY</u>	<u>Specification</u>	<u>Results</u>
Hardness IRHD	70 ± 3	72.4
Tensile Mpa	13 min	13.48
Elongation @ Break %	300 min	317
<u>Aged 168 hrs @ 70°C</u>		
Tensile change %	-10 max	+ 2.2
E @ B change %	-15 max	- 12.4
Hardness change IRHD	+ 5 max	+ 2
<u>Compression Set %</u>		
24 hrs @ 70°C	25 max	13
<u>Water Immersion 168 hrs @ 70°C</u>		
Volume change %	+ 5 max	1.93

04/12/2017

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained thereof. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the responsibility of the user. Sinclair and Rush Limited shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Sinclair and Rush Limited's direct control. Sinclair and Rush Limited MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendations, nor as an inducement to practice any patented invention without permission of the patent owner.