

**RH Nuttall Limited**

Great Brook Street  
Nechells Green  
Birmingham B7 4EN

# Material Specification Sheet

e: sales@rhnutall.co.uk  
t: 0121 359 2484  
f: 0121 359 4439

# RHN 12C



[www.rhnutall.co.uk](http://www.rhnutall.co.uk)

## Expanded Nitrile/NBR Sponge

| Description                               | Standard   | Value            | Unit              |
|-------------------------------------------|------------|------------------|-------------------|
| ASTM D1056-07                             |            | 2B2 A1 B2 C M P2 |                   |
| DENSITY                                   |            | 150 (+/-20)      | KG/M <sup>3</sup> |
| COMPRESSION DEFLECTION (25%)              |            | 35-65            | KPa               |
| COMPRESSION SET (50%/22H/23°C)            | ASTM D1056 | 19               | %                 |
| RESISTANCE TO OIL AND FUEL                |            | EXCELLENT        |                   |
| SHORE HARDNESS                            |            | 40-55            | OO                |
| ELONGATION                                |            | >150             | %                 |
| TEMPERATURE RANGE (CONSTANT)              |            | -40/+90          | °C                |
| TEMPURATURE RANGE (INTERMITTENT)          |            | 110              | °C                |
| WATER ABSORPTION RATE (MAX WEIGHT CHANGE) | ASTM D1056 | <5               | %                 |
| TENSILE STRENGTH                          |            | 1000             | kPa               |
| FLAME RESISTANCE                          |            | UL94 HF1>2MM     |                   |
| AIR AND UV RESISTANCE                     |            | GOOD             |                   |

\*\*The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied\*\*

