



# Nitrile Rubber Sheet for Green Fuel

PRODUCT CODE – NBR 60135 (for Green Fuel)

## TECHNICAL SPECIFICATIONS

| PROPERTIES   | TEST METHOD        | VALUES            |
|--|--------------------|-------------------|
|  |                    | METRIC UNITS      |
| SPECIFIC GRAVITY   | BS 903 : Part A1   | 1.35 (±0.05)      |
| HARDNESS   | BS 903 : Part A26  | 60 (±5)           |
| TENSILE STRENGTH ( min )                                 | BS 903 : Part A2   | Min. 10 Mpa       |
| ELONGATION AT BREAK ( min )                              | BS 903 : Part A2   | Min. 400 %        |
| COMPRESSION SET<br>(70°C/24 hrs/25% compression) (max)   | BS 903 : Part A6   | 20 %              |
| TEAR RESISTANCE ( Angular ) min                          | BS 903 : Part A3   | 25 Kg/cm          |
| VOLUME SWELL : AT 40° C FOR 22 HRS/IN<br>(FUEL B) ( MAX) | BS 903 : Part A16  | +25 %             |
| RESISTANCE TO ACCELERATED AGEING<br>70°C for 72 HRS      | BS 903 : Part A26  |                   |
| --- CHANGE IN HARDNESS (IRHD)                            |                    | + 5               |
| --- CHANGE IN TENSILE STRENGTH (%)                       | BS 903 : Part A2   | + 10, -20         |
| --- CHANGE IN ELONGATION AT BREAK<br>(%)                 | BS 903 : Part A2   | +10 , -35         |
| RESISTANCE TO LOW TEMPERATURE AT<br>-30°C                | BS 903 : Part A13  | MEETS REQUIREMENT |
| CHEMICAL RESISTANCE                                      |                    |                   |
| --- OZONE  | BS 903 : Part A 43 | FAIR              |
| --- DILUTE ACIDS AND BASES                               | BS 903 : Part A16  | GOOD              |
| --- CONCENTRATED ACIDS AND BASES                         |                    | NOT RECOMMENDED   |
| --- - MINERAL OILS - PARAFINNIC &<br>NAPHTHANIC HC       |                    | EXCELLENT         |
| --- SOLVENTS   |                    | FAIR              |
| TEMPERATURE RANGE  |                    | -40 ° to + 110° C |
| COLOR  |                    | BLACK             |

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.\*