



## Material : Acronitrile Butadiene Rubber (NBR)

### MAX SPARE Code : NT 65

| Physical properties                                         | Nominal     | Units              |
|-------------------------------------------------------------|-------------|--------------------|
| <b>Hardness</b><br>ASTM D 2240, 23°C                        | 65-70       | Shore A-2          |
| <b>Tensile strength</b><br>ASTM D 412, 23°C                 | > 102       | Kg/cm <sup>2</sup> |
| <b>Elongation at break</b><br>ASTM D 412, 23°C              | > 250       | %                  |
| <b>Compression set</b><br>ASTM D 395, 100°C, 22 h, 25 %     | < 25        | %                  |
| <b>Air Ageing</b><br>ASTM D 573, 100°C, 70 h                |             |                    |
| Hardness Change                                             | <(+15)      | Points             |
| Tensile Change                                              | <(-20)      | %                  |
| Elongation Change                                           | <(-40)      | %                  |
| <b>Fluid Resistance, IRM-901</b><br>ASTM D 471, 100°C, 70 h |             |                    |
| Hardness Change                                             | -5 to+15    | Points             |
| Tensile Change                                              | <(-25)      | %                  |
| Elongation Change                                           | <(-45)      | %                  |
| Volume Change                                               | -10 to +5   | %                  |
| <b>Fluid Resistance, IRM-903</b><br>ASTM D 471, 100°C, 70 h |             |                    |
| Hardness Change                                             | <(-15)      | Points             |
| Tensile Change                                              | <(-45)      | %                  |
| Elongation Change                                           | <(-45)      | %                  |
| Volume Change                                               | 0 to +35    | %                  |
| <b>Specific Gravity</b><br>ASTM D 792, 23°C                 | 1.18 ± 0.02 | g/cc               |
| <b>Ash Content</b><br>800°C, 2 Hrs                          | <(5)        | %                  |
| <b>Operating Temperature</b>                                | -40 to 100  | °C                 |

#### Disclaimer

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