



Material : Acronitrile Butadiene Rubber (NBR)

MAX SPARE Code : NT 45

| Physical properties | Nominal | Units |
|---|-------------|--------------------|
| Hardness ASTM D 2240, 23°C | 45-50 | Shore A-2 |
| Tensile strength ASTM D 412, 23°C | > 70 | Kg/cm ² |
| Elongation at break ASTM D 412, 23°C | > 350 | % |
| Compression set ASTM D 395, 100°C, 22 h, 25 % | < 25 | % |
| Air Ageing ASTM D 573, 100°C, 70 h | | |
| Hardness Change | <(+15) | Points |
| Tensile Change | <(-20) | % |
| Elongation Change | <(-40) | % |
| Fluid Resistance, IRM-901 ASTM D 471, 100°C, 70 h | | |
| Hardness Change | -5 to+15 | Points |
| Tensile Change | <(-25) | % |
| Elongation Change | <(-45) | % |
| Volume Change | -10 to +5 | % |
| Fluid Resistance, IRM-903 ASTM D 471, 100°C, 70 h | | |
| Hardness Change | <(-15) | Points |
| Tensile Change | <(-45) | % |
| Elongation Change | <(-45) | % |
| Volume Change | 0 to +35 | % |
| Specific Gravity ASTM D 792, 23°C | 1.09 ± 0.02 | g/cc |
| Ash Content 800°C, 2 Hrs | <(5) | % |
| Operating Temperature | -40 to 100 | °C |

Disclaimer

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