

Material : Hydrogenated Nitrile Butadiene Rubber (HNBR)

MAX SPARE Code : HN 90

| Physical properties | Nominal | Units |
|---|-------------|--------------------|
| Hardness ASTM D 2240, 23°C | 90-95 | Shore A |
| Tensile strength ASTM D 412, 23°C | > 102 | Kg/cm ² |
| Elongation at break ASTM D 412, 23°C | > 100 | % |
| Compression set ASTM D 395, 150°C, 22 h, 25 % | < 30 | % |
| Air Ageing ASTM D 573, 150°C, 70 h | | |
| Hardness Change | <(+10) | Points |
| Tensile Change | <(-25) | % |
| Elongation Change | <(-50) | % |
| Fluid Resistance, IRM-901 ASTM D 471, 150°C, 70 h | | |
| Hardness Change | -5 to+10 | Points |
| Tensile Change | <(-20) | % |
| Elongation Change | <(-30) | % |
| Volume Change | -10 to +5 | % |
| Fluid Resistance, IRM-903 ASTM D 471, 150°C, 70 h | | |
| Hardness Change | -15 to +5 | Points |
| Tensile Change | <(-40) | % |
| Elongation Change | <(-30) | % |
| Volume Change | 0 to +25 | % |
| Specific Gravity ASTM D 792, 23°C | 1.28 ± 0.02 | g/cc |
| Ash Content 800°C, 2 Hrs | < 10 | % |
| Service Temperature | -30 to 150 | °C |

Disclaimer

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