

## Material : Thermoplastic Polyurethane

**MAX SPARE Code : PU-W**

| Physical properties                      | Nominal     | Units             |
|--|-------------|-------------------|
| <b>Density</b><br>ASTM D 792             | 1.14 ± 0.02 | g/cm <sup>3</sup> |
| <b>Hardness</b><br>ASTM D 2240           | 92 ± 2      | Shore A           |
| <b>Abrasion Loss</b><br>DIN 53516        | < 30        | mm <sup>3</sup>   |
| <b>Tensile strength</b><br>ASTM D 412    | > 45        | MPa               |
| <b>Elongation at break</b><br>ASTM D 412 | > 450       | %                 |
| <b>Tensile Modulus</b><br>ASTM D 412     |             |                   |
| Stress at 50 % strain                    | > 9         | MPa               |
| Stress at 100 % strain                   | > 11        | MPa               |
| Stress at 300 % strain                   | > 21        | MPa               |
| <b>Tear Strength</b><br>ASTM D 624       | < 80        | N/mm <sup>2</sup> |
| <b>Compression set</b><br>ASTM D 395     |             |                   |
| 23°C, 70 hrs                             | < 18        | %                 |
| 70°C, 22 hrs                             | < 28        | %                 |
| <b>Operating Temperature</b>             | -40 to +130 | °C                |

### Disclaimer

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