

## Material : Thermoplastic Polyurethane

### MAX SPARE Code : PU-90 (Food Grade)

Physical properties	Nominal	Units
<b>Density</b>	1.20 ± 0.02	g/cm <sup>3</sup>
ASTM D 792		
<b>Hardness</b>	92 ± 2	Shore A
ASTM D 2240		
<b>Abrasion Loss</b>	< 35	mm <sup>3</sup>
DIN 53516		
<b>Tensile strength</b>	> 50	MPa
ASTM D 412		
<b>Elongation at break</b>	> 500	%
ASTM D 412		
<b>Tensile Modulus</b>		
ASTM D 412		
Stress at 50 % strain	> 6	MPa
Stress at 100 % strain	> 7	MPa
Stress at 300 % strain	> 18	MPa
<b>Tear Strength</b>	< 120	N/mm <sup>2</sup>
ASTM D 624		
<b>Compression set</b>		
ASTM D 395		
23°C, 70 hrs	< 28	%
70°C, 22 hrs	< 48	%
<b>Service temperature</b>	-40 to +100	°C

#### Disclaimer

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