



Groot-Bijgaardenstraat 124  
B-1620 Drogenbos

## Material : Thermoplastic Polyurethane

### Suebel Code : PUZ

Revision date : 07/03/2012

Physical properties	nominal	actual	units
<b>Density</b> ISO 1183-1, 23 °C	1.13 ±0.02	1.13	Kg/m <sup>3</sup>
<b>Hardness</b> ISO 868, Shore A, 23 °C	90-94	92	Shore A
<b>Hardness</b> ISO 868, Shore D, 23 °C	41-45	46	Shore D
<b>Modulus</b> 100%, 53504, 23 °C	---	11.4	Mpa
<b>Modulus</b> 300%, 53504, 23 °C	---	18.0	Mpa
<b>Tensile strength</b> 53504, 23 °C	> 50	54	Mpa
<b>Elongation at break</b> 53504, 23 °C	> 500	550	%
<b>Abrasion</b> ISO 4649	---	20	mm
<b>Tear strength</b> ISO 34-1	---	72	N/mm <sup>3</sup>
<b>Compression set</b> ISO 815, B, 70 °C, 24 h, 25 % 100 °C, 24 h, 25 %	< 26 < 30	22 26	% %
<b>Heat Distortion</b> Temp at 0.5mpa	---	135	°C
<b>Operating Temp.</b>	---	-50 to 130	°C

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