



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Thermoplastic Polyurethane

Spareage Code : PUZ

Revision date : 07/03/2012

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