



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

Address: Plot No. A-401/402, Road No. 28, Wagle Estate, Thane - 400 604, India.

T: +91-22-25800972 **F:** +91-22-25827480 **E:** sales@spareage.in **W:** www.spareage.in

Material : Thermoplastic Polyurethane

Spareage Code : PU-1

Revision date : 01/03/2009

Physical properties	nominal	actual	units
Density ISO 1183, 23 °C	1.21 ±0.02	1.21	g/cm ³
Hardness ISO 868, Shore A, 23 °C	88-92	90	Shore A
Hardness ISO 868, Shore D, 23 °C	38-42	40	Shore D
Modulus 300 %, ISO 37, 23 °C	---	40	mpa
Tensile strength ISO 37	> 45	47	mpa
Elongation at break ISO 37, 23 °C	> 450	500	%
Rebound resilience ISO 4662	---	33	%
Tear strength ISO 34B	---	80	K N/m
Compression set ISO 815, B, 20 °C, 70 h, 25 %	<30	27	%
70 °C, 24 h, 25 %	<41	38	%
Heat Distortion Temp at 0.5mpa	---	80	°C