

Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Thermoplastic Polyurethane

Spareage Code : PU-5 (Food Grade)

Grade : PU for Food Contact Applications.

1) *Spareage Food Grade Compounds were successfully tested at IRMRA [A NABL (ISO-17025-2005) Accredited Laboratory] referring to US-FDA-177-2600.Clause(F).*

2) *All ingredients used in forming the compounds are from the reputed suppliers & food grade certified.*

Revision date : 01/03/2009

Physical properties	nominal	actual	units
Density ISO 1183, 23 °C	1.15 ±0.02	1.15	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	---	11	mpa
Tensile strength ISO 37	> 45	48	mpa
Elongation at break ISO 37, 23 °C	> 610	650	%
Rebound resilience ISO 4662	---	40	%
Tear strength ISO 34B	---	65	%
Compression set ISO 815, B, 22 °C, 70 h, 25 % 70 °C, 24 h, 25 %	< 30 < 75	23 68	% %
Heat Distortion Temp at 0.5mpa	---	85	°C