

# Polyurethane (PU)

70 Shore A

**VRTRADE**



MECHANICAL	Standard	Value	
Rubber compound		PU	
Density	DIN 53479	1.20 +/-0.05	g/cm3
Hardness	DIN 53505	70 <sup>0</sup> +/-5	Shore A
Tensile strength	DIN 53505	6	N/mm <sup>2</sup>
Elongation at break	DIN 53504	600	%
Tear resistance	DIN 53507	35	N/mm
Abrasion	DIN 53516	< 20	mm <sup>3</sup>
Compression set after 72h at 20 <sup>0</sup> C	DIN ISO 815	10	%
Compression set after 24h at 70 <sup>0</sup> C	DIN ISO 815	20	%
Rebound elasticity	DIN 53512		%

## TEMPERATURE

Working temperature -30<sup>0</sup> C - +80<sup>0</sup>C

## AGEING

Δ Hardness after %

Δ Tensile strength N/mm

Δ Elongation at break %

## OIL RESISTANCE

Oil IRM 901, Δ volume after 72h at 100<sup>0</sup>C %

Oil IRM 903, Δ volume after 72h at 100<sup>0</sup>C %

## CHEMICAL RESISTANCE

Diluted acids and bases	Good
Concentrated acids and basis	Medium
Ozone	Very good
Oils and hydrocarbons	Medium

## DIMENSIONS

SKU	Thickness (mm)	Width (mm)	Length (m)	Inserts	Execution
VR5702000102	2	2000	1000	0	2 sides smooth
VR5703000103	3	2000	1000	0	2 sides smooth
VR5704000104	4	2000	1000	0	2 sides smooth
VR5705000105	5	2000	1000	0	2 sides smooth
VR5706000106	6	2000	1000	0	2 sides smooth
VR5708000108	8	2000	1000	0	2 sides smooth
VR5710000110	10	2000	1000	0	2 sides smooth
VR5712000112	12	2000	1000	0	2 sides smooth
VR5715000115	15	2000	1000	0	2 sides smooth