

Technical Information

PEVOPUR® 93 Shore A



PEVOPUR®

PEVOPUR® is a high-quality polyurethane elastomer which offers good dynamic load capacity, high elasticity, good mechanical wear resistance and good compressive set quality. PEVOPUR® is also significantly more resilient than rubber. Consequently, the material is particularly suitable for applications with lower requirements and is ideally suited for use in tropical climates.

- Medium load capacities
- Medium speeds

Technical Information	Standard			Unit	Value
Hardness	DIN	ISO	7619-1	Shore A	93 (± 3)
Density	DIN	EN ISO	1183-1	g/cm³	approx. 1,2
Elongation at break	DIN	DIN	53 504	%	approx. 500
Stress value at 100%	DIN	DIN	53 504	MPa	8,0 - 8,5
Rebound resilience	ISO	DIN	53 512	%	50 - 55
Determination of tear strength	ISO	DIN	34-1	kN/m	50 - 55
Compression set 70 h, 23°C	ISO		815-1	%	11 - 12
Abrasion resistance			4649	mm³	41
Coefficient of friction (traction) on wet floor at 8000 N				- -	0,1
Rolling resistance at 20°C of charge (average)				%	0,85 - 0,95
Starting resistance at 20°C of charge (average)				%	1,15 - 1,45

All values indicated in this table are approximative values resulting from our own tests or information given by our raw material suppliers. The standardised tests refer to special test samples. Therefore these values are not directly applicable to wheels and castors. Furthermore these values change under such influences as temperature, humidity, duration of charge, rate of deformation, etc.
 For more information please visit www.raedervogel.de.

No legal obligation.