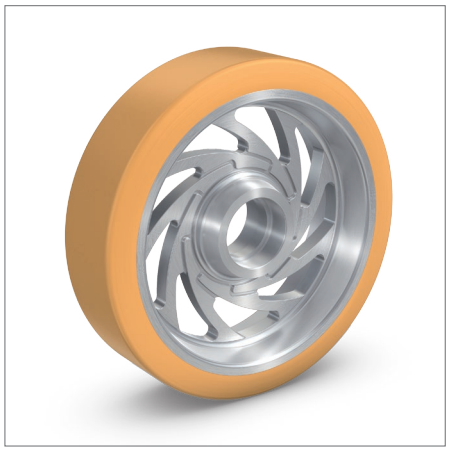
Technical Information
VULKOLLAN® 95° Shore A

RÄDER-VOGEL®



VULKOLLAN® (95° Shore A)

VULKOLLAN® 95° Shore A is a highly elastic polyurethane elastomer based on Desmodur® 15 for demanding and dynamic areas of application. The excellent mechanical properties of the material include very high dynamic load capacity, very high abrasion resistance and tear growth resistance, very high mechanical wear resistance and very low compression set. We recommend

VULKOLLAN® 95° Shore A for use in the transport of very heavy loads and at high speeds.

- Long service life
- Very high load capacities
- Very high speeds
- Minimal flat spots

Technical Informationen	Standards	Unit	
Shore hardness A	ISO 7619	--	95 ° (± 3)
Density	ISO 1183	g/cm³	approx. 1,2
Elongation at break	DIN 53 504	%	approx. 640
Stress value at 100%	DIN 53 504	MPa	10,5 - 11
Rebound resilience	DIN 53 512	%	55 - 60
Determination of tear strength	ISO 34	kN/m	70 - 75
Compression set 70 h, 23°C	ISO 815	%	12 - 14
Abrasion resistance	ISO 4649	mm³	37
Coefficient of friction (traction) on wet floor at 8000 N		--	0,09
Rolling resistance at 20°C of charge (average)		%	0,75 - 0,85
Starting resistance at 20°C of charge (average)		%	1,0 - 1,3

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 tempera- ture, humidity, duration of charge, rate of deformation, etc.
For more information please visit **www.raedervogel.de**.

No legal obligation.