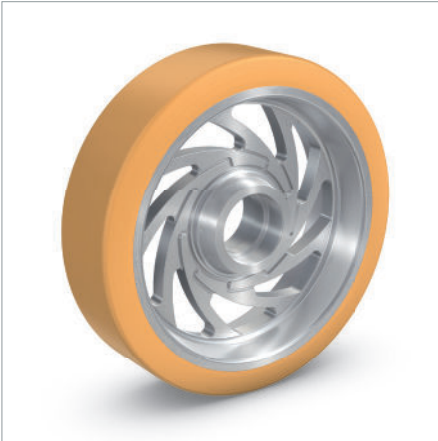


Technical Information

VULKOLLAN® 95° Shore A



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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/cm ³ | 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 | mm ³ | 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 temperature, humidity, duration of charge, rate of deformation, etc. For more information please visit www.raedervogel.de.

No legal obligation.

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