

Technical Information

TRACTOSOFT®



TRACTOSOFT®

TRACTOSOFT® is a VULKOLLAN®* composite material developed by us with the same properties as VULKOLLAN®. Special TPU granules incorporated into the tread ensure increased wheel grip, thus improving starting properties, preventing slip and improving braking effects. Thanks to the lower Shore hardness of 85 Shore A, TRACTOSOFT® is particularly suited for use in transportation on wet and soiled surfaces where noise reduction and protection of the products being transported are also important factors.

- Increased braking effect
- Reduced risk of sliding
- Medium load capacities
- Medium speeds
- Floor preserving

Technical Information	Standard			Unit	Value
Hardness	DIN	ISO	7619-1	Shore A	85 (± 3)
Density	DIN	EN	1183-1	g/cm ³	approx. 1.2
Elongation at break	ISO	DIN	53 504	%	approx. 605
Stress value at 100 %	DIN	DIN	53 504	MPa	7.9–8.4
Rebound resilience	DIN	ISO	53 512	%	55–60
Determination of tear strength	DIN	ISO	34-1	kN/m	42– 4 6
Compression set 70 h, 23°C	DIN	ISO	815 -1	%	10–11
Abrasion resistance			4649	mm ³	41
Coefficient of friction (traction) on wet floor at 8000 N				- -	0.17
Rolling resistance at 20°C of charge (average)				%	0.92–1.02
Starting resistance at 20°C of charge (average)				%	1. 2 2–1. 52

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

For more information please visit www.raedervogel.de.

No legal obligation.

*VULKOLLAN® is a registered trademark of the Covestro Group.