Blickle®

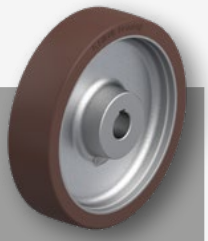
New High Performance Polyurethanes

we innovate mobility

NEW PREMIUM POLYURETHANE TREADS MAD

Blickle Besthane® Drive

For Drive Wheels



- 92 Shore A
- Designed for high stress absorption at high torques
- Ideally suited for frequent acceleration and braking operations

NEW

Blickle Peakthane®

For Drive Wheels

- 92 Shore A
- Designed for maximum stress absorption at high torques
- Wear-resistant where other materials tear
- Ideally suited for frequent acceleration and braking operations

NEW

Blickle Ultrathane®

For High Speeds

- 92 Shore A
- Suitable for high-speed applications
- Extremely low rolling resistance
- High rebound resilience
- High remaining load capacities at speeds above 25 km/h

NEW

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BEST OF POLYURETHANE

Premium Material – Premium Performance

What makes polyurethane perfect? Depending on the mixing ratio and processing, it can develop very different properties. Decades of experience and an exceptional level of expertise from our engineers and chemists go into each of our high-performance polyurethane treads. This results in solutions that are precisely tailored to each specific application.

On this basis, we have developed three new types of polyurethane that set new standards in demanding applications.
The PU types **Blickle Besthane® Drive** and **Blickle Peakthane®** have been specially designed for **heavily loaded drive wheels** – where frequent, rapid acceleration and braking operations place extreme demands on the tread every day. Both materials are characterised by exceptionally high tear propagation resistance. This effectively prevents cracking and cauliflower-like structures in the tread, significantly increasing the service life of the wheels.

With **Blickle Ultrathane®**, we are expanding our portfolio with a PU type for genuine **high-speed applications**. While conventional polyurethanes often reach their physical limits and tend to melt at high speeds, **Blickle Ultrathane®** has been specifically developed for these loads. The tread remains resilient and load-bearing even at speeds above 25 km/h – for maximum performance where speed is crucial.

upon request

upon request

	Blickle Extrathane®	**Blickle Besthane®**	**Blickle Besthane® Drive**	**Blickle Peakthane®**	**Blickle Ultrathane®**
	Blickle Extrathane®	Blickle Besthane®	Blickle Besthane® Drive	Blickle Peakthane®	Blickle Ultrathane®
Technical Data					
Hardness	92 Shore A	92 Shore A	92 Shore A	92 Shore A	92 Shore A
Maximum Speed	10 km/h	16 km/h	16 km/h	16 km/h	>25 km/h
Application					
Dynamic load capacity (high load at high speed)	■■□□□	■■■■□	■■■□□	■■■■□	■■■■■
Rolling resistance	■■■□□	■■■■■	■■■■□	■■■■□	■■■■■
Cut and tear propagation resistance	■■■□□	■■■□□	■■■■□	■■■■■	■■■■■

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limited ⟶ outstanding

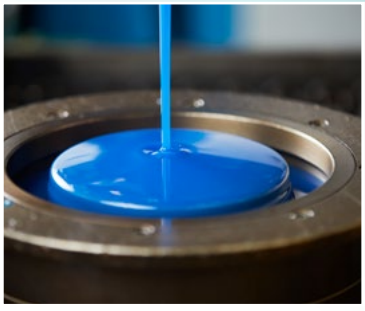
It’s all about the details.

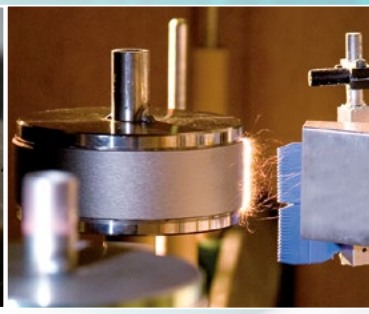
POLYURETHANE. AT ITS BEST.

Better Blickle

- Polyurethane wheels in all sizes, from 20 to 1,300 mm diameter
- Load capacities up to 170 tonnes per wheel
- Extensive quality testing
- Tread hardness from 70 Shore A to 96 Shore A
- Individual wheel design using FEM calculation for optimal stress distribution
- Special colours available

Enquire now!





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