

# Wheel materials for special requirements



## VULKODYN®

VULKODYN® is a highly elastic polyurethane elastomer which we have developed for extremely dynamic applications. The material has excellent properties such as approximately 20% lower rolling resistance, higher load capacity at the same speeds, better driving comfort thanks to good damping, lower risk of flat spots during stoppages, hydrolysis resistance and better traction. VULKODYN® is therefore particularly suited for use at high speeds.

- Long service life
- Very high load capacities
- Extreme speeds
- Minimal rolling resistance



## PEVODYN®-Soft

PEVODYN®-Soft 78° Shore A is a new high-quality polyurethane elastomer that we have developed with high dynamic load capacity and significantly reduced starting and rolling resistance. The excellent mechanical properties of the material include high cutting, tearing and abrasion resistance. Thanks to its good noise reduction and vibration damping, PEVODYN®-Soft is particularly suitable for use on surfaces where care is needed. And with its hydrolysis resistance, the

material is ideally suited for use in tropical climates.

- Medium load capacities
- High speeds
- High energy efficiency
- Good noise reduction and vibration damping
- Floor preserving



## PEVOSOFT®

PEVOSOFT® is a high-quality polyurethane elastomer which offers good dynamic load capacity, high elasticity, good mechanical wear resistance and good compressive set quality. PEVOSOFT® is also significantly more resilient than rubber. With a Shore hardness of 75° Shore A, it is suitable for all areas of application where better noise reduction and vibration damping, floor-preserving usage, high driving comfort or secure transportation of delicate goods are required.

- Lower load capacities
- Lower speeds
- Floor preserving