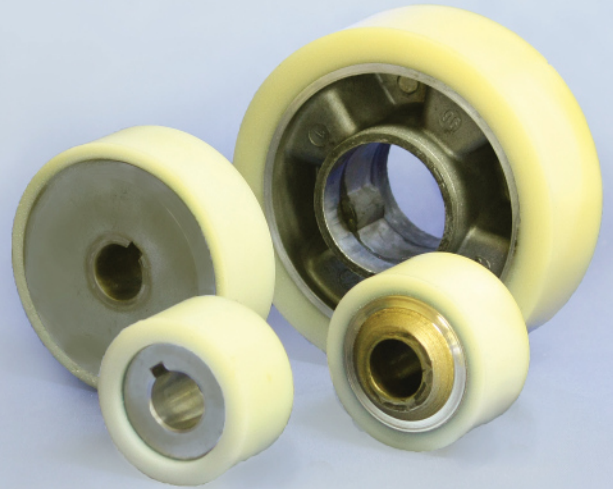




Polyurethane Applications

Vulkollan



Pleiger Plastics' Vulkollan Polyurethane (Plei-Tech 15)

Vulkollan is the highest performance polyurethane available. Available in rod, sheet, tube and custom molded parts.

- ✓ High dynamic load capacity
- ✓ Higher abrasion and tear resistance than other compounds
- ✓ Highest modulus of elasticity of all elastomers
- ✓ Excellent wear resistance and impact resilience
- ✓ Reduced compression set
- ✓ Good chemical resistance to UV radiation, mineral oils, greases, and solvents

Specifically recommended for applications where load capacity, rebound resilience, continuous use, speed and durability are mandatory.

- ✓ Forklift wheels
- ✓ Doctor Blades used in the printing industry
- ✓ Hydrocyclones
- ✓ Bumpers and shock absorbers: isolate and dampen high shock loads with minimal permanent set
- ✓ Drive and load wheels for industrial trucks, and heavy duty material handling applications

Vulkollan Foam (Plei-Tech 15 Foam)

- ✓ PT-15® polyurethane foam is excellent for shock absorption of light to medium loads at high frequencies. A cellular Vulkollan® piece is able to be compressed up to 80% of its original height with minimal permanent set, making it well suited for high dynamic loading.
- ✓ This high performance polyurethane foam has excellent abrasion and cut resistance. PT-15® Foam parts are available in custom molded shapes, as well as bumpers, foam backing for belts, transport rings and seals.



Look for Pleiger's Next Recommended Application!