

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

Specially 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.

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*Look for Pleiger's next
Recommended Application!*