



Redco™ TUFFKAST

HIGH PERFORMANCE PLASTIC MATERIAL

COMPONENTS CRACKING?

Redco Tuffkast is the solution for parts that fracture and crack because of high impact and cold temperature applications.

- EXCELLENT DIMENSIONAL STABILITY
- SUPERIOR IMPACT VALUES
- ADVANCED WEAR & ABRASION CHARACTERISTICS

DIVERSE PROPERTIES

Redco™ Tuffkast has a unique combination of physical properties resulting in the perfect material for a variety of different applications.

Providing industry solutions for:

- MARINE
- MINING
- FORESTRY
- FOOD & BEVERAGE
- AGRICULTURE
- MATERIAL HANDLING
- PULP & PAPER
- CONSTRUCTION

TYPICAL APPLICATIONS

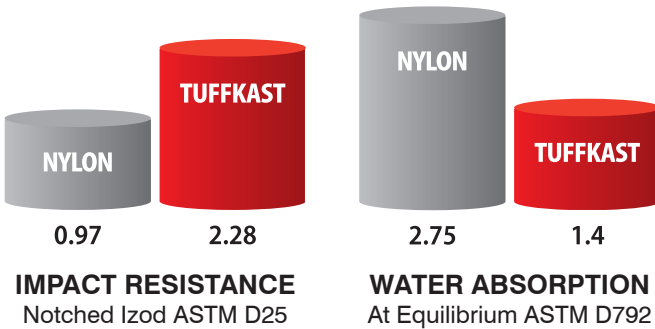
- ▶ Wear Plates
- ▶ Valve Seals
- ▶ Sprockets
- ▶ Bearings
- ▶ Bushings
- ▶ Sheaves
- ▶ Washers
- ▶ Spacers
- ▶ Insulators
- ▶ Clevis Pins
- ▶ Ring Gears
- ▶ Barker Parts
- ▶ Canter Parts
- ▶ Carriage Parts
- ▶ Gland Bushings
- ▶ Sliding Bearings
- ▶ Chip-n-saw Parts
- ▶ Forklift Mast Slides
- ▶ Log Handling Parts
- ▶ Bushings for Cylinders and many more...





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STRONG AND RESILIENT

Redco™ Tuffkast has a combination of strength and resilience resulting in a high performance plastic that offers excellent wear and abrasion resistance with rigidity, minimal water absorption and superior impact values. Ideal for harsh environments where excessive weight, water saturation, abrasion, shock and impact are factors.

TUFFKAST GRADES

TUFFKAST 025

- High impact resistance with tensile properties and bearing compressive properties.
- Recommended for applications where factors such as shock, abrasion, vibration, impact, load, and a harsh environment limit the suitability of traditional materials.

TUFFKAST 020 – Carriage Wheel Material

- Special formulation for sawmill carriage wheel applications.

TUFFKAST 015 – Oil Filled

- Liquid lubricant is impregnated within the polymer chain which offers excellent surface lubricity for wear resistance and a reduced co-efficient of friction.
- Withstands shock, vibration and loads up to 4,000 psi.
- Lowest moisture absorption of any of the Tuffkast or nylon materials.
- Primarily intended for marine applications.

TUFFKAST 010 – Solid Lubricant

- Combines the impact resistance of polyurethane with the wear resistance of a solid lubricant which results in the longest lasting material for aggressive industrial applications.
- Typically used for dynamic friction applications which are subjected to extreme stress and impact such as bearing blocks, torsion couplings, wear strips, etc.

CUSTOM DESIGN AND FABRICATION

Redwood Plastics has designed and fabricated a variety of solutions to shock, abrasion, noise, wear and friction for many industries, resulting in increased production, decreased maintenance costs and decreased down time, adding to your bottom line.

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