

Gmax™

Engineered Durability and Strength

Suitable for your toughest conditions, this material offers excellent cut and tear resistance coupled with high load capabilities.

Gmax is ideal for industries including:

- Material Handling
- Transportation & Logistics
- Heavy Equipment
- Caster Applications
- Engineered Wheels
- Outdoor Maintenance





Gmax™ is a 95 shore A polyurethane MDI material

Stellana Gmax is an application-specific premium polymer compound that is suitable for a wide variety of applications. The material properties of the Gmax provide excellent resistance to chunking, tearing, and flat spotting in wheels and tires. Being a harder compound (95 Shore A), traction and cushioning properties are reduced.

Application Include

- Drive Tires
- Load Wheels
- Stabilizer Wheels
- AGVs, ASRs, Robots
- Caster Wheels
- Bogie & Idler Wheels
- Conveyors
- Cargo Dollies
- Container Loaders
- Custom Designs for Unique Applications



Available in sizes ranging from 2" to 16" OD and supporting loads up to 27,000 lbs.

Other Features

Excellent for:

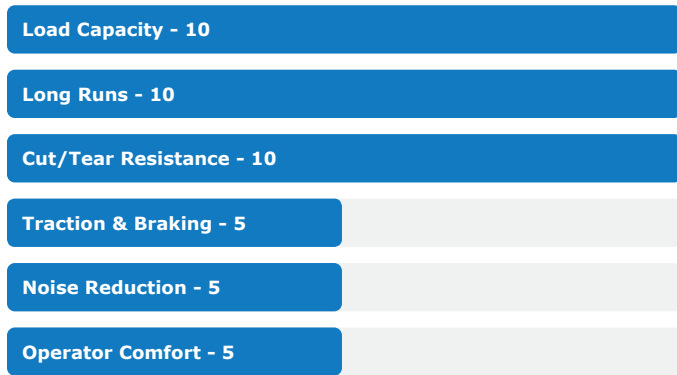
Rough floors, traveling over expansion joints, high-speed applications.

Performance strengths:

Excellent thermal dispersion, zero flat-spotting, and non-marking.

Also available in multiple tread profiles

Performance Attributes



Technical Data

Hardness (Shore A)	95A
Split/Tear (pli)	185
Tensile Strength (PSI)	5850
Elongation (%)	565
Compression Set (%)	27
Bayshore Resilience	40
DIN Abrasion (mm3)	37



What to expect from a Stellana wheel

Stellana produces wheels and tires with the highest standard of craftsmanship. Our products offer the lowest cost of ownership and longest service life found in our industry. You will never find debonding in our products or any deviation from wheel to wheel because we use the strictest standards to measure every aspect of production.