

# Polyamide/TPU Wheels and Rollers

with Polyurethane Tread

Designed to keep things moving



- Very high load capacity
- High wear resistance
- Very low rolling resistance
- Floor protecting
- Low noise
- Maintenance-free under normal operating conditions



## Designed To Keep Things Moving

Stellana is a world leader in injection moulding thermo-plastic wheels for industrial material handling applications with more than 75 years of experience. When choosing a polyamide wheel with injected molded TPU the benefits are, very good load capacity, extremely low rolling resistance, and floor protecting with less noise compared to a plain nylon wheel. The variety of different wheels manufactured extends from small conveyor wheels, transport trolleys, electrical drive units, revolving doors to hand pallet trucks.

### Applications Include

- Steering Wheels
- Load Wheels
- Stabilizer Wheels
- Intralogistics
- Bogie & Idler Wheels
- Caster Wheels
- Conveyors
- Elevators & Escalators
- Airport Equipment
- Custom Designs for Unique Applications

## Technical Data

### PA/TPU Heavy-Duty Range

Temperature Range ..... -30°C to +80°C  
 Diameter ..... 100–200 mm  
 Load Capacity ..... 150–700 kg  
 Noiseless, Low Rolling Resistance,  
 High Load Capacity and Floor Protecting

## Material

Centre of polyamide with a mechanically and chemically bonded Polyurethane tread, Stellana PA/TPU, with hardness of 98° Shore A. Other durometers are available upon request.



### Other Features

#### Excellent for:

High loads and speeds.

#### Performance strengths:

Deliver excellent durability in tough applications.

**Also available in a multiple of colors**

## Technical Data

### PA/TPU Lightweight Range

Temperature Range ..... -30°C to +80°C  
 Diameter ..... 100–200 mm  
 Load Capacity ..... 125–500 kg  
 Noiseless, Low Rolling Resistance,  
 High Wear Resistance and Floor Protecting



### What to expect from a Stellana wheel

Stellana produces wheels and rollers 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.