

# HabasitLINK® Material Data Sheet

## Thermoplastic Polyurethane Sprocket Material



### Material description

- Very tough (unbreakable)
- Very abrasion resistant
- Suitable for dry and wet abrasive conditions
- Optimized rim diameter to reach maximum sprocket lifetime

コード	Material	Property	Density	Temperature range	Habasit colors
			g/cm <sup>3</sup>		
TPU	Thermoplastic Polyurethane	Tough thermoplastic material with very good abrasion resistance. Suitable for abrasive applications at wet or dry conditions with medium load. Material is specially developed to reduce the teeth wear to a minimum.	1.24	20°C to +50°C -4°F to +120°F	dark-gray

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion $\alpha$	0.15	0.00098

### Habasit support for design and calculation

To assist the layout and calculation of Habasit plastic modular belt conveyors, Habasit provides additional documentation and instruments on request.

- Engineering Guide with further complementary details to the design and calculation of conveyors.
- Calculation Program to analyze the dimensioning and acting forces of a planned conveyor design.

For further information or additional documentation please contact Habasit.

### Disclaimer

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