

# HabasitLINK® Material Data Sheet

## Reinforced and heat stabilized Polyamide PA+GF



### Material description

- Specially heat stabilized
- Flammability UL94 HB
- High strength and stiffness due to reinforcement
- Good fatigue properties
- EU and FDA food contact, details see Declaration of Compliance (DoC) on [www.Habasit.com](http://www.Habasit.com)

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm <sup>3</sup>		
PA+GF	Reinforced Polyamide (Nylon)	Reinforced thermoplastic material with high strength. Suitable for heavy conveying applications at dry conditions and elevated temperatures. Material is specially modified to keep its good properties stable over a long time at elevated temperatures.	1.35	Dry conditions: 0°C to +145°C (short-term +175°C) -32°F to +293°F (short-term +347°F) Wet Conditions: Not recommended	dark-brown

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion $\alpha$	0.08	0.00053

### 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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