HabasitLINK® Material Data Sheet
Polyamide (Nylon)

Material description

- Strong, wear resistant material for modules, pins and sprockets
- Very well long-term heat resistant up to 130°C / 270 °F
- Good impact properties above +40°C / 105 °F
- Low flammability UL94 V-2
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on www.Habasit.com

Code	Material	Property	Density	Temperature range	Color
			g/cm³		
PA	Polyamide (Nylon)	Thermoplastic material with high strength and abrasion resistance. Suitable for heavy duty applications at dry conditions and elevated temperatures. Material is specially modified to keep its good properties stable over a long time at elevated temperatures	1.14	Dry conditions: -46°C to +130°C (short-term +160°C) *-50°F to +266°F (short-term +320°F)* Wet Conditions: Not recommended	Beige Negro Azul Gris

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion **α**	0.12	0.00078

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.