

HabaCHAIN® Material Data Sheet

Reinforced Polyamide HT



Material description

- Specially heat stabilized
- Flammability UL94 HB
- High strength and stiffness due to reinforcement
- Good fatigue properties

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm ³		
HT	Reinforced Polyamide (Nylon)	Reinforced material with very high strength and toughness. Suitable for high loads, dry conditions, at elevated temperatures.	1.20	Dry conditions: -40°C to +145°C (short-term +175°C) -40°F to +293°F (short-term +347°F) Wet Conditions: Not recommended	black

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

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