

# HabasisLINK® Material Data Sheet

## Submersible and hot water resistant Polypropylene PP+GH



### Material description

- Developed especially for pasteurizer applications
- High density, which allows to sink in water
- Long-term resistant against oxidation and embrittlement
- No dimensional change due to water absorption
- Good chemical resistance against commonly used biocides and cleaning agents

Code	Material	Property	Density	Temperature range	Habasis colors
			g/cm <sup>3</sup>		
PP+GH	Submersible, hot water resistant Polypropylene	Stabilized thermoplastic material with a density, which allows that the material sinks in water. It has an improved resistance against oxidation and embrittlement.	1.24	5°C to +105°C <i>+40°F to +220°F</i>	beige

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion $\alpha$	0.13	0.00087

### Habasis support for design and calculation

To assist the layout and calculation of Habasis plastic modular belt conveyors, Habasis 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 Habasis.

### Disclaimer

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