

HabasitLINK® Material Data Sheet

Hot water resistant Polypropylene PP+HW



Material description

- Developed especially for pasteurizer applications
- Long-term resistant against oxidation and embrittlement
- No dimensional change due to water absorption
- Very good chemical resistant against commonly used biocides and cleaning agents
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on www.Habasit.com

| Code | Material | Property | Density | Temperature range | Habasit colors |
|-------|-----------------------------------|--|-------------------|----------------------------------|---|
| | | | g/cm ³ | | |
| PP+HW | Hot water resistant Polypropylene | Stabilized thermoplastic material with improved resistant against oxidation and embrittlement. | 0.90 | 5°C to +105°C +40°F to +220°F | modules beige pins and sprocket gray |

Belt properties

Nominal strength, coefficient of friction, thermal expansion, temperature factor CT is like standard PP. Chemical resistance is improved, especially against oxidizing chemicals used in pasteurizers.

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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