

HabasitLINK® Material Data Sheet

Polypropylene PP



Material description

- Light weight material, floats on water
- Good mechanical properties
- Hot water resistant
- 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	Polypropylene	Thermoplastic material with good cost / performance relation. Excellent chemical resistance to acids and alkalines. Limited resistance against oil and fat. High impact below 10°C (50°F) must be avoided.	0.90	5°C to +105°C +40°F to +220°F	white gray blue

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

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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