

# HabasitLINK® Material Data Sheet

## Polybutyleneterephthalate module and rod material (PBT)



### Material description

- Fulfills pyrolysis requirements of tobacco industry
- Halogen and nitrogen free
- Good product releasing properties
- Very good chemical resistant against common cleaning agents and cleaning procedures
- High stiffness and good wear resistance
- Natural white color helps to make debris visible during cleaning operation
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on [www.Habasit.com](http://www.Habasit.com)

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm <sup>3</sup>		
PBT	Polybutyleneterephthalate (PBT)	Thermoplastic material with good strength and low coefficient of friction. It is well suitable for conveying applications in the tobacco industry. No dimension changes due to water absorption.	1.30	Wet conditions: -40°C to +50°C -40°F to +122°F Dry conditions: -40°C to +120°C -40°F to +248°F	natural-white

Thermal expansion	mm/m*°C	in/ft**F
Coeff. of linear thermal expansion $\alpha$	0.10	0.0007

### 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.

### Disclaimer

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