

# HabasitLINK® Material Data Sheet

## Detectable Polypropylene PP+DE



### Material description

- Developed especially for food applications
- Very well detectable with metal detectors
- Well detectable with X-ray detectors
- Good mechanical properties
- Low friction values
- Blue color to have a good color distance to natural food stuff
- 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>		
PP+DE	Detectable Polypropylene	Thermoplastic material with a special additive which makes the material very well detectable. Excellent chemical resistance to acids and alkalines. High impact below 10°C (50°F) must be avoided.	1.09	5°C to +105°C +40°F to +220°F	blue gray

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

### Disclaimer

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