

# HabasisLINK® Material Data Sheet

## Electrically conductive Polypropylene PP+EC



### Material description

- Developed especially for automotive applications
- Low electrical resistance, suitable for ESD protected areas (EPA)
- Low wear on plastic belt support and reduced wear on steel belt support
- Good impact resistance
- Halogen free and RoHS conform
- No limitations regarding recycling or incineration

Code	Material	Property	Density	Temperature range	Habasis colors
			g/cm <sup>3</sup>		
PP+EC	Electrically conductive Polypropylene	Tough thermoplastic material with low electrical surface and volume resistance. Resistivity according IEC60093 / ASTM D257 below 10 <sup>7</sup> Ohm, fulfills DIN EN 61340 for ESD safety areas.	1.02	5°C to +105°C +40°F to +220°F	black

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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