

HabasisLINK® Material Data Sheet

Flame retardant and antistatic Polypropylene

PP+FR



Material description

- Developed especially for automotive applications
- Burning behavior classified as Cfl-S1 according DIN EN 13501 (comparable to former DIN 4102 B1)
- Antistatic surface helps to reduce charge up and dust accumulation on the running conveyor belt
- Low wear on plastic belt support
- Low smoke density
- Halogen free and RoHS conform
- No limitations regarding recycling or incineration

コード	Material	Property	Density	Temperature range	Habasis colors
			g/cm ³		
PP+FR	Flame retardant and antistatic Polypropylene	Thermoplastic material with a combination of a reduced electrical surface resistance and very good flame retardant properties. High impact below 10°C (50°F) must be avoided. The raw material is classified as UL94-V0, the final belt is classified according DIN 4102 or the newer DIN EN 13501.	1.05	5°C to +105°C +40°F to +220°F	white dark-grey black

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

Habasis support for design and calculation

For assisting the lay out and calculation of Habasis Modular Belt conveyors, Habasis provides on request the following additional Documentation and instruments:

- **Engineering Guidelines** 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 any further question and additional documentation requested please contact Habasis.

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