

HabasitLINK® Material Data Sheet

Antistatic Polypropylene PP+AS



Material description

- Developed for automotive and general conveying applications
- Antistatic surface to reduce charge up and dust accumulation on the running conveyor belt
- Silicone free

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm ³		
PP+AS	Antistatic Polypropylene	Thermoplastic material with reduced electrical surface resistance. Surface resistivity according IEC60093 / ASTM D257 in the range of 10 ¹² -10 ¹³ Ohm/sq. High impact below 10°C (50°F) must be avoided.	0.90	5°C to +105°C +40°F to +220°F	black dark-grey yellow

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

Belt properties

Nominal strength slightly lower than standard PP. Details see LINK-SeleCalc or contact Habasit. Coefficient of friction, temperature factor CT, and chemical resistance is like standard PP. Belt width is like standard PP.

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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