

HabasisLINK® Material Data Sheet

Antistatic Polyoxymethylene (Acetal) (POM+AS)



Material description

- Developed for automotive and general conveying applications
- Antistatic surface helps to reduce charge up and dust accumulation on the running conveyor belt
- Good impact and scratch resistance
- Low friction and good wear resistance
- Silicone free

Code	Material	Property	Density	Temperature range	Habasis colors
			g/cm ³		
POM+AS Bio POM+AS	Antistatic Polyoxymethylene (Acetal)	Thermoplastic material with reduced surface resistance. It has a high strength, low coefficient of friction and good scratch and impact resistance. Surface resistivity according IEC60093 / ASTM D257 in the range of 10 ¹² -10 ¹³ Ohm/sq.	1.42	Dry conditions: -40°C to +93°C -40°F to +200°F Wet Conditions: Not recommended	black dark-grey yellow

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion α	0.09	0.0006

Belt properties

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



The Habasis Green Concept label stands for eco-friendly products and services that help our customers to protect the environment.

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.



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