

# HabasisLINK® Material Data Sheet

## Electrically Conductive POM (Acetal) POM+EC



### Material description

- Developed for automotive and general conveying applications
- Low electrical resistance, qualified according DIN EN 61340-5-1 (2017-07) for ESD protected areas (EPA)
- Good impact and scratch resistance
- Low friction and good wear resistance
- Silicone free

Code	Material	Property	Temperature range	Habasis colors
POM+EC	Electrically conductive Polyoxymethylene (Acetal)	Thermoplastic material with low surface resistance. It has a high strength, low coefficient of friction and good scratch and impact resistance. Surface resistivity according IEC60093 / ASTM D257 below $10^7$ Ohm/sq.	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +93°C -40°F to +200°F	black

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

### 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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