

HabasitLINK® Material Data Sheet

Low friction Polyoxymethylene (Acetal) POM+LF



Material description

- Self-lubricating material for beverage and canning applications
- Low friction against accumulated products and wear strip
- Low dusting for smooth and clean product handling
- Very scratch and wear resistant surface
- Good resistance against lubricants and cleaning agents

Code	Material	Property	Density	Temperature range	Habasit colors
POM+LF Bio POM+LF	Low friction Polyoxymethylene (Acetal)	Thermoplastic material with high strength and low coefficient of friction. Impact and cut resistant surface. Suitable for fast running applications. Good chemical resistance to oil and alkalines, but not suitable for long-term contact with high concentrations of acids and chlorine.	1.42 g/cm ³	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +93°C -40°F to +200°F	natural–white blue brown

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



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

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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