

HabaCHAIN® Material Data Sheet

Low friction Polyoxymethylene (Acetal) 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
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on www.Habasit.com

Code	Material	Property	Density	Temperature range	Colors
			g/cm³		
LF	Low friction Polyoxymethylene (Acetal)	Low-friction POM (Acetal) with high strength and good abrasion resistance. Suitable for high speed applications. Food contact approved.	1.42	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +93°C -40°F to +200°F	Light brown White Blue

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

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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