

# HabasitLINK® Material Data Sheet

## Polyoxymethylene (Acetal) (POM)



### Material description

- Hard and stiff material with low coefficient of friction
- Good product releasing properties
- Good resistance against cleaning agents
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on [www.Habasit.com](http://www.Habasit.com)
- Flammability UL94 HB

Code	Material	Property	Density	Temperature range	Färg
POM Bio POM	Polyoxymethylene (Acetal)	Thermoplastic material with high strength and low coefficient of friction. Good chemical resistance to oil and alkalines, but not suitable for long-term contact with high concentration of acids and chlorine.	1.42 g/cm <sup>3</sup>	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +93°C -40°F to +200°F	Svart Blå Mörkgrå Grön Grå Orange Röd Vit Gul

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



Habasit Green Concept-märkningen står för miljövänliga produkter och tjänster som hjälper våra kunder att skydda miljön.

### 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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### Disclaimer

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