

HabasisLINK® 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.Habasis.com
- Flammability UL94 HB

Code	Material	Property	Density	Temperature range	Color
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.	g/cm ³ 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	Black Blue Dark-gray Green Gray Orange Red White Yellow

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



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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