

# HabasitLINK® Material Data Sheet

## UV light protected Polyoxymethylene (Acetal)



### Material description

- Good UV protection for out-door applications
- Low friction values like standard POM
- High strength and stiffness
- High abrasion and scratch resistance

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm <sup>3</sup>		
POM+UV Bio POM+UV	UV protected Polyoxy-methylene (Acetal)	Thermoplastic material with improved resistance against UV radiation, especially for out-door applications. The material has a high strength and low coefficient of friction. It is suitable for heavy-duty conveying applications and low temperatures.	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	white blue dark-grey

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

### Disclaimer

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