

HabasisLINK® 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

コード	Material	Property	Density	Temperature range	Habasis colors
			g/cm ³		
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 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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