

HabasisLINK® Material Data Sheet

Impact and cut resistant Polyoxymethylene (Acetal) POM+IM



Material description

- Developed for demanding applications in the meat industry
- High impact, fatigue and cut resistance
- 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	Habasis colors
			g/cm ³		
POM+IM	Impact, fatigue and cut resistant Polyoxymethylene (Acetal)	Thermoplastic material with high strength, tough behavior 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	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +93°C -40°F to +200°F	natural-white

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

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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