

# HabasitLINK® Material Data Sheet

## Fatigue resistant Polyoxymethylene (Acetal)

### POM+JM



#### Material description

- Developed for high loaded conveyor applications
- High fatigue 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.Habasit.com](http://www.Habasit.com)

| コード    | Property  | Density           | Temperature range  | Habasit colors |
|--------|---|-------------------|--|----------------|
|        |   | g/cm <sup>3</sup> |  |                |
| POM+JM | Thermoplastic material with high strength, low coefficient of friction and improved fatigue resistance. 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:<br>-40°C to +60°C<br>-40°F to +140°F<br>Dry conditions:<br>-40°C to +93°C<br>-40°F to +200°F | white<br>blue  |

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

#### 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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