

HabasitLINK® Material Data Sheet

Antistatic, fatigue resistant Polyoxymethylene (Acetal) (POM+JA)



Material description

- Developed for automotive and general conveying applications
- Antistatic surface helps to reduce charge up and dust accumulation on the running conveyor belt
- Improved fatigue, impact and scratch resistance
- Low friction and good wear resistance
- Silicone free

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm ³		
POM+JA	Antistatic and fatigue resistant Polyoxymethylene (Acetal)	Thermoplastic material with reduced surface resistance. It has a high strength, low coefficient of friction and good scratch and impact resistance. Surface resistivity according IEC60093 / ASTM D257 in the range of 10 ¹² -10 ¹³ Ohm/sq.	1.42	Dry conditions: -40°C to +93°C -40°F to +200°F Wet Conditions: Not recommended	black dark-grey

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

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