

Material description

- Low electrical resistance, for ESD protected areas (EPA)
- Good impact and scratch resistance
- Low friction and good wear resistance
- Silicone free

Code	Material	Property	Density	Temperature range	Habasit colors
			g/cm ³		
EC	Electrically conductive Polyoxymethylene (Acetal)	POM (Acetal) with an electrical resistivity according IEC60093 / ASTM D257 below 10 ⁷ Ohm/sq. Especially for applications where chain charge-up must be avoided. To be used with conductive wear strip. Material has a high strength and a good coefficient of friction. It has a cut resistant surface and shows good resistance to oil and alkalines.	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	black

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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