

HabasitLINK® Material Data Sheet

Wear, Hydrolysis and Impact resistant Polyketone (WHI)



Material description

- Extraordinary wear and impact resistance
- Very good hydrolysis resistance
- Good chemical resistance
- Good strength and fatigue resistance
- Low moisture absorption
- Noise damping
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on www.Habasit.com

Code	Material	Property	Temperature range	Color
WHI	Wear, Hydrolysis and Impact resistant Polyketone	Thermoplastic material with very good wear and impact resistance, good hydrolysis and chemical resistance. Low moisture absorption and suitable for direct food contact.	Wet conditions: -50°C to +80°C -58°F to +176°F Dry conditions: -50°C to +110°C -58°F to +230°F	Azul Blanco

Belt properties

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion α	0.10	0.0007

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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