HabaCHAIN® Material Data Sheet
Polypropylene GR

Material description

- Light weight material
- Good mechanical properties
- Very good chemical resistance
- Limited UV resistance

Code	Material	Property	Density	Temperature range	Color
			g/cm³		
GR	Polypropylene	Thermoplastic material with excellent chemical resistance to acids and alkalines. Limited resistance against oil and fat. High impact below 10°C (50°F) must be avoided.	0.90	5°C to +105°C *+40°F to +220°F*	Natural white

Thermal expansion	mm/m*°C	in/ft*°F
Coeff. of linear thermal expansion **α**	0.13	0.00087

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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