# 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 | Colors |
|---|---|---|---|---|---|
| | | | 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<br>*+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.

## Disclaimer

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