

HabiPLAST™ Material Data Sheet

Habivit PVC for machined parts



Material description

- Rigid polyvinyl chloride
- Good chemical resistance

Material properties

General	Nominal value
Code	PCV0-W PCV0-D PCV0-B
Color	natural white gray black
Density	1.44 g/cm ³
Thermal	Nominal value
Temperature range	0°C to +66°C
Coeff. of linear thermal expansion a	0.08 mm/(m•K)
Thermal conductivity	0.2 W/(m•K)
Electrical	Nominal value
Volume resistivity	10 ¹³ Ohm•cm
Mechanical	Nominal value
Tensile modulus	3300 MPa
Tensile strength (ultimate)	58 Mpa
Tensile elongation (break)	4%
Shore D hardness	82

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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