

Technical Data Sheet

Product name: **Pentaclad (TM) Isogenopak®**
 BF-K201/50-04/2080-281__

Description:

- Insulation Jacketing with permanent curl
- high impact resistance
- does not split during riveting
- excellent antistatic
- high stiffness

- Equivalent to Isogenopak 2000 - fire classification class PII

Quality segment: BF - BUILDING INDUSTRY
Type: K201/50 - PVC Polyvinylchloride
Colour: 04/2080 - White opaque
Surface: 281__ - matt/smooth

Properties	Standard	Unit	Values
Thickness	DIN 53370 / ISO 4593	µm	350
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-7 ... 7 350 µm
Density	DIN EN ISO 1183-2	g/cm ³	1,42 ... 1,46
Impact strength, min.	DIN EN ISO 8256 measured lengthwise	kJ/m ²	400
Tensile strength, min.	DIN EN ISO 527 test speed V 50 mm/min, measured lengthwise (depends on thickness)	MPa	35
Modulus of elasticity	DIN EN ISO 527	MPa	1800
Water Vapour Resistance µ	DIN 52615 .		60000
Linear heat expansion coefficient	Leitz Dilatometer .	1/K	1,5 E-4
Thermal Conductivity	DIN 52612 at 20 °C	W/mK	0,16

Regulatory: The product corresponds to:

- Packaging requirements for heavy metals
- Supplementary confirmations to the above-named points can be issued on request.

Storage conditions:

- Ideal storage conditions between 10 - 30°C (50 - 86°F)
- Ideal RH 40 - 70%
- Should not be stored in direct sunlight and avoid major thermal fluctuation
- Store in original packaging
- Before working up the films should be conditioned a minimum of 24 hours room temperature (15 - 30°C)
- recommended use of the material within one year of production date

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