

Technical Data Sheet

Product name: *Pentaclad® PVC BF-K203/01-75/7900-272_0-ZZZ*

Description:

- Insulating jacket with a tendency to curl
- grey, color similar to RAL 7035 / 7047
- Antistatic
- High chemical resistance

Quality segment: Building film
Type: PVC
Color: 1-Grey, high opaque-036
Surface: Fine matt/Smooth-00
Additional treatment: No additional treatment-00

Properties	Standard	Unit	Standard values
Total Thickness	DIN 53370 / ISO 4593	µm	350
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-7,0 ... 7,0 350 µm
Width tolerance	DIN 53570	mm	-1 ... 1
Density	DIN EN ISO 1183-2	g/cm ³	1,38 ... 1,42
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, depending on thickness	MPa	35
Water Vapour Resistance, µ	DIN 52615	ca.	60000
Linear heat expansion coefficient	Leitz Dilatometer in conformity with EIA-541; MIL-B-81705-C; ASTM D-257, CECC 0015/1; IEC 61340-5-1	10 ⁻⁴ 1/K	1,5
Thermal Conductivity 20°C	DIN 52612	W/mK	0,16
Emissivity Epsilon	ISO 10292 annex A	%	97

Regulatory:

The product corresponds to:

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

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- 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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