

PRODUCT DATA SHEET FOR INDUSTRIAL INSULATION

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|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product Name | Power-teK PS 680 |
| Manufacturer | Knauf Insulation GmbH |
| Certification number | 6V148 |
| Certification body | DIN CERTCO |
| Designation Code | MW EN 14303-T8-ST(+)/680-WS1-CL10 (Außendurchmesser < 150 mm) MW EN 14303-T9-ST(+)/680-WS1-CL10 (Außendurchmesser ? 150 mm) |
| Labeling | VDI-mark |
| Form of supply | Pipe Section |
| European Standard | DIN EN 14303:2013-04 |
| Thermal Conductivity (W/mK) | |
| Maximum service temperature | 680 |
| Minimum service temperature | |
| Thickness Range (mm) | 020-120 |
| Reaction to Fire (Euroclass) | A1 |
| Temperature 1 | 50 |
| Thermal conductivity 1 | 0.039 |
| Temperature 2 | 100 |
| Thermal conductivity 2 | 0.045 |
| Temperature 3 | 150 |
| Thermal conductivity 3 | 0.053 |
| Temperature 4 | 200 |
| Thermal conductivity 4 | 0.062 |
| Temperature 5 | 300 |
| Thermal conductivity 5 | 0.087 |
| Temperature 6 | 350 |
| Thermal conductivity 6 | 0.102 |
| Temperature 7 | |
| Thermal conductivity 7 | |
| Temperature 8 | |
| Thermal conductivity 8 | |
| Temperature 9 | |
| Thermal conductivity 9 | |
| Temperature 10 | |
| Thermal conductivity 10 | |
| Air-flow resistance | |
| Water vapor diffusion resistance | |
| Content of water-soluble chloride ions | |
| Water absorption | <1 |