

PRODUCT DATA SHEET FOR INDUSTRIAL INSULATION

Product Name	Power-teK LM 550 ALU
Manufacturer	Knauf Insulation GmbH
Certification number	6V150
Certification body	DIN CERTCO
Designation Code	MW EN 14303-T4-ST(+) 550-CS(10)10-WS1-MV1-CL10
Labeling	VDI-mark
Form of supply	Lamella Mat
European Standard	DIN EN 14303:2013-04
Thermal Conductivity (W/mK)	
Maximum service temperature	550
Minimum service temperature	
Thickness Range (mm)	030-140
Reaction to Fire (Euroclass)	A2
Temperature 1	50
Thermal conductivity 1	0.043
Temperature 2	100
Thermal conductivity 2	0.052
Temperature 3	200
Thermal conductivity 3	0.076
Temperature 4	300
Thermal conductivity 4	0.109
Temperature 5	
Thermal conductivity 5	
Temperature 6	
Thermal conductivity 6	
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	< 10 ppm
Water absorption	<1