



**chemical  
products**  
insulation solutions

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## TECHNICAL DATASHEET FOR MINERAL WOOL PIPE SECTION INSULATION **ISOLSHELL MAX**

### 1. Physical and chemical characteristics

- 1.1. Thickness: *> 100 mm*
- 1.2. Length: *1000 mm ± 1 %*
- 1.3. Density: *80 kg / m<sup>3</sup> ± 10%*
- 1.4. Thermal conductivity:

Temperature, °C	10	150	250	400	500	600	650
Thermal conductivity , W/m.K	0,034	0,053	0,058	0,081	0,09	0,095	0,098

- 1.5. Fire reaction EN 13501 for mineral wool A1, Non-combustible
- 1.6. Maximum service temperature max. 650 oC
- 1.7. Melting temperature > 1000°C
- 1.8. Mineral acid resistance (HCl 20%, 10 min) about 85%
- 1.9. Specific heat capacity 0.084