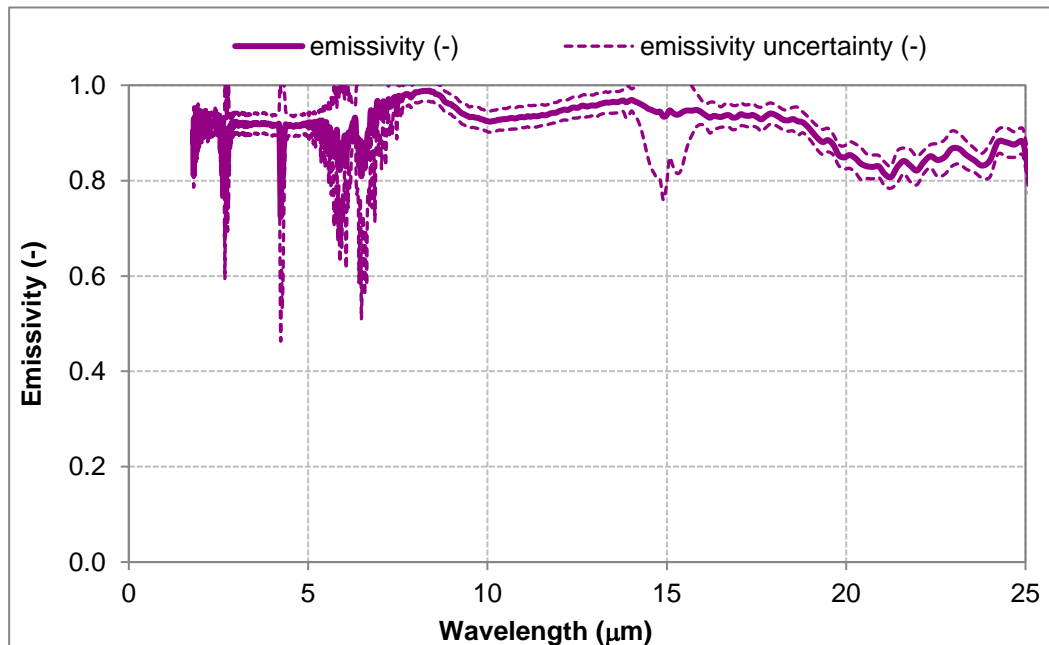


# MEASUREMENT PROTOCOL

No. PM\_IRT\_OPT\_23\_06\_27\_02

**Order number** 54871  
**Customer** Aremco Products Inc., USA  
**Sample label** customer SGC4000-HT  
 NTC 230511-002/002  
**Measured quantity** spectral normal emissivity  
**Measurement method** SNEHT  
**Temperature (T)** 500°C  
**Polar angle** 0°  
**Date** 6.6.2023  
**Measured by** Martina Veselá, DiS.  
**Responsible person** Ing. Petra Honnerová, Ph.D. Phone: +420 377 634 719  
 Email: petrahon@ntc.zcu.cz



| WL (um)        | 2     | 3.5   | 4.7   | 8.3   | 10    | 12.5  | 17.5  | 20    | 25    |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| emissivity (-) | 0.918 | 0.919 | 0.915 | 0.988 | 0.925 | 0.953 | 0.933 | 0.854 | 0.788 |
| un. (-), k = 2 | 0.023 | 0.021 | 0.021 | 0.022 | 0.023 | 0.021 | 0.022 | 0.028 | 0.037 |