

# MEASUREMENT PROTOCOL

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

**Order number** 54871

**Customer** Aremco Products Inc., USA

**Sample label** customer CP4000-S2-HT  
NTC 230511-004/001

**Measured quantity** spectral normal emissivity

**Measurement method** SNEHT

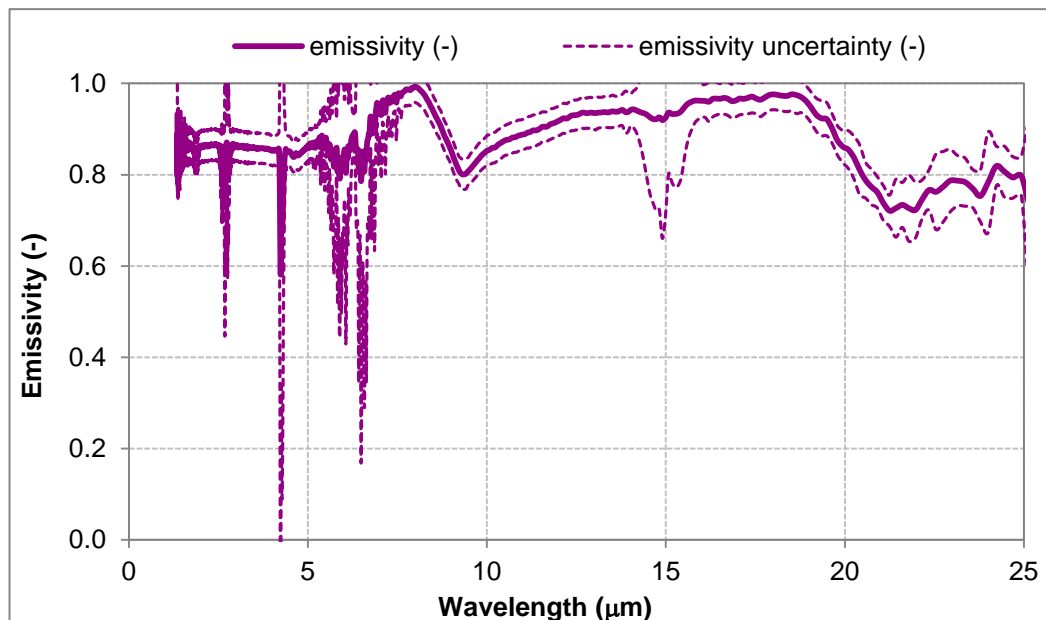
**Temperature (T)** 700°C

**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 (-) | 0.862 | 0.860 | 0.843 | 0.967 | 0.853 | 0.931 | 0.967 | 0.855 | 0.733 |
| un. (-), k = 2 | 0.034 | 0.033 | 0.033 | 0.034 | 0.034 | 0.033 | 0.034 | 0.041 | 0.197 |