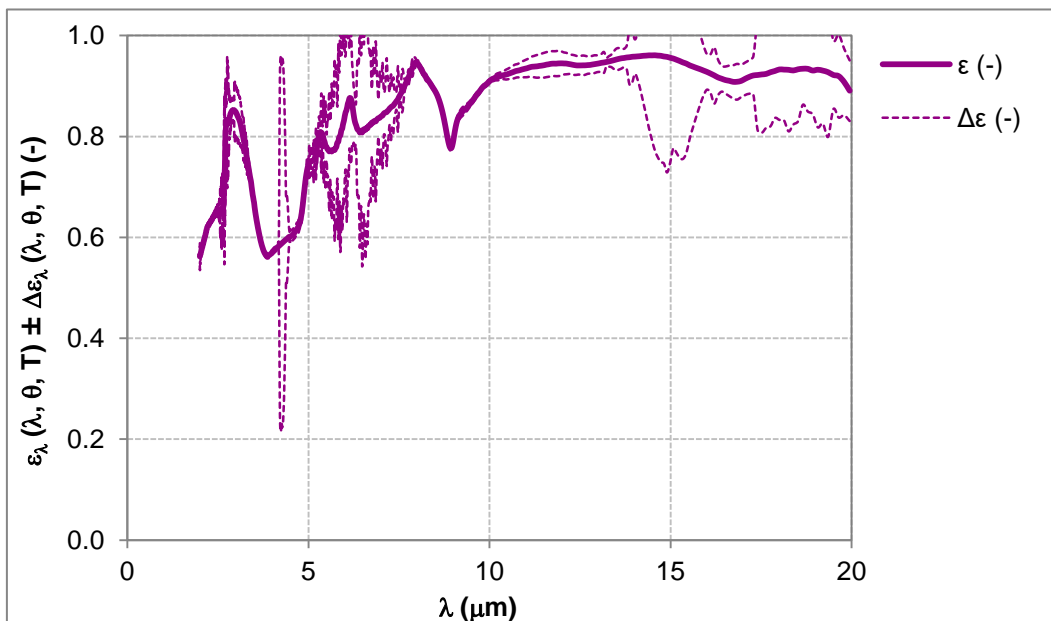


MEASUREMENT PROTOCOL

No. PM_CT3_OPT_18_03_01_26

Order number	49182	
Customer	Aremco Products Inc.	
Sample ID	customer	840-CX, ceramic substrate
	NTC	180207-007/001
Measured quantity	spectral normal emissivity	
Measurement method	SNHRRT/V1 - MIR	
Temperature (T)	25°C	
Polar angle (θ)	12°	
Azimuth angle (φ)	0°, 45°, 90°, 135°	
Date	20.2.2018	
Measured by	Ilona Slavíková	
Responsible person	Ing. Petra Honnerová, Ph.D.	tel.: +420 377 634 719 e-mail: petrahon@ntc.zcu.cz



λ (μm)	2	3.7	4.7	8.3	10	12.5	17.5	20
$\varepsilon_{\lambda}(\lambda, \theta, T)$ (-)	0.562	0.588	0.618	0.911	0.910	0.941	0.923	0.891
$\Delta\varepsilon$ (-), $k = 2$	0.018	0.005	0.012	0.004	0.004	0.019	0.116	0.060