



InfraRed

Bruker Tensor 37

Possible Measurements:

Liquid samples
Solid samples

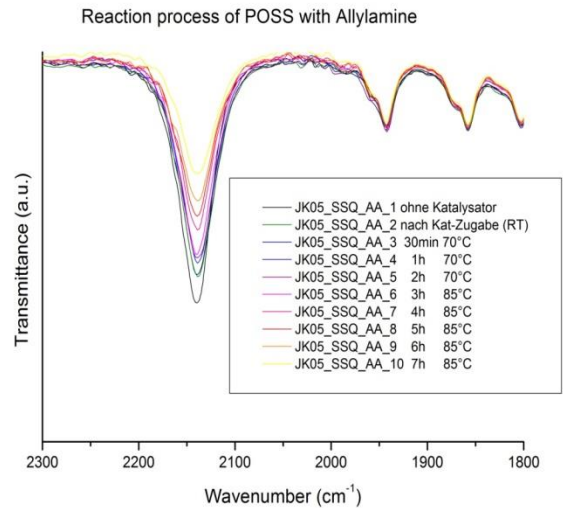
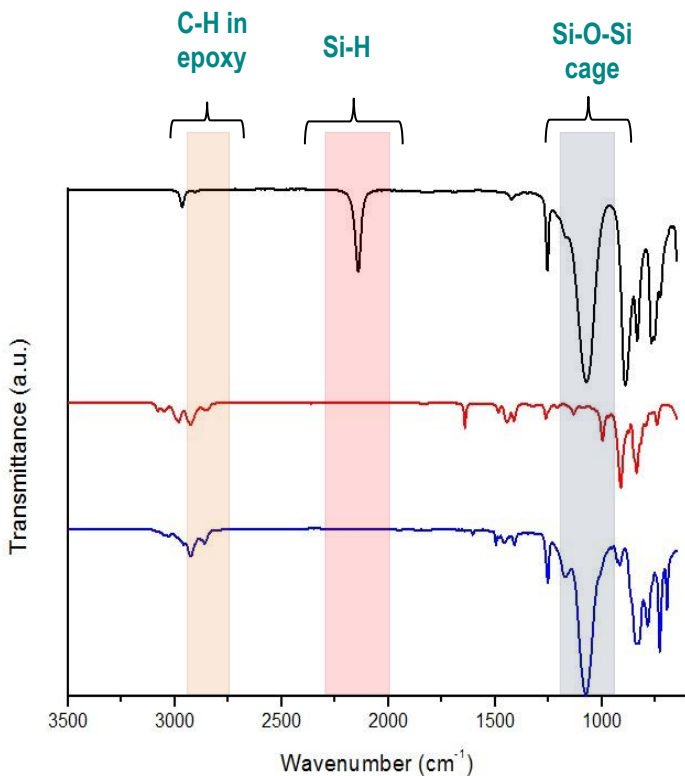


Specifications:

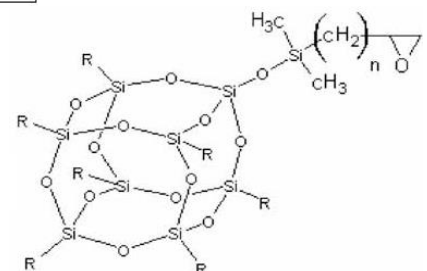
Spectral Range:	7500 to 370 cm^{-1}
Resolution:	Better than 0.6 cm^{-1}
Wavenumber Accuracy:	Better than 0.01 cm^{-1} @ 2000 cm^{-1}
Photometric Accuracy:	Better than 0.1 % T
Signal to noise (Minimum):	5 Sec: >6000:1 (= <7.2*10 ⁻⁵ AU noise) peak to peak, 4 cm^{-1} resolution
Scan Speed:	5 velocities, 2.2 – 40 Hz (1.4 – 25.5 mm/sec opd)
MIR accessories:	Horizontal ATR, multiple bounce
Spectroscopy Software:	OPUS™: easy to use, full GLP compliant, full 21 CFR part 11 compliant

Examples:

POSS surface functionalisation:



— Octasilane POSS
— 1,2-Epoxy-5-hexene
— JK01_SSQ_8C6



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