



VERTEC TPE VS. SILICONE (FT-IR)

Technical Datasheet

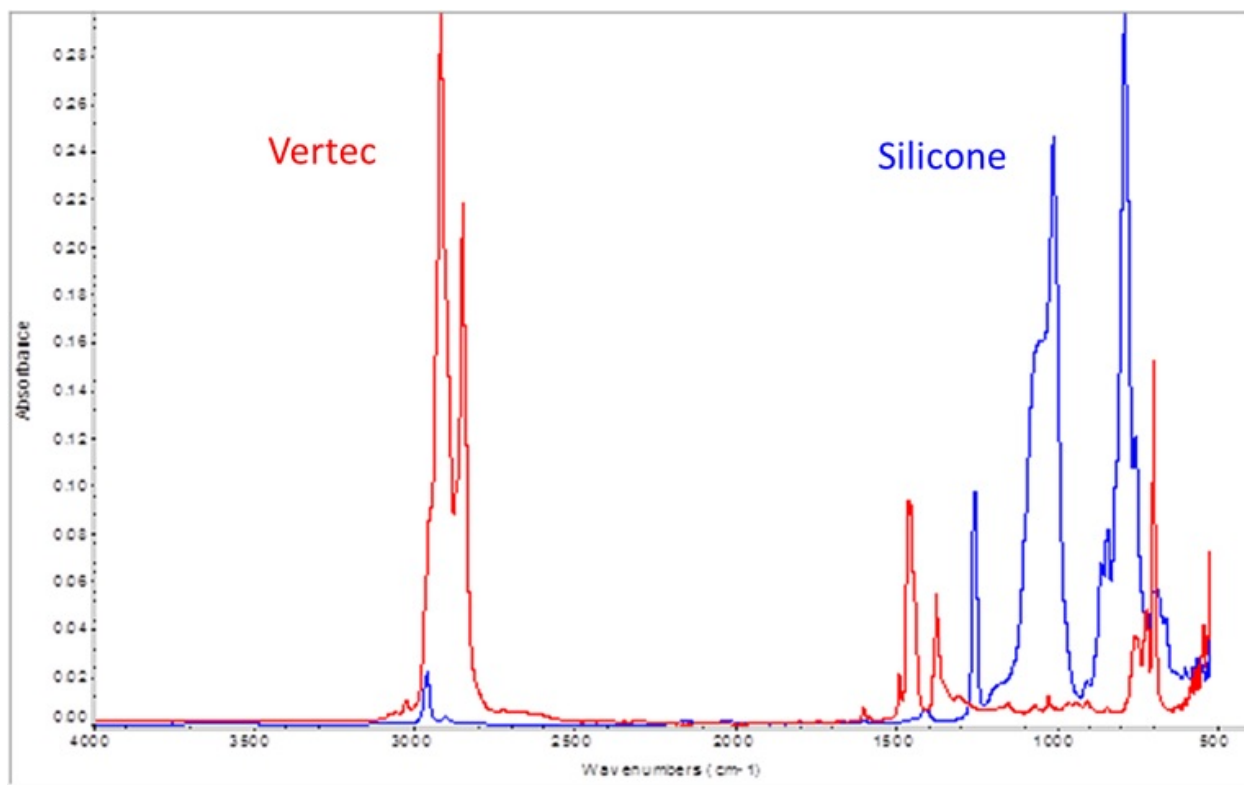
METHOD SUMMARY

Fourier Transform - Infrared Spectroscopy, FT-IR, utilizes mid-infrared absorption to identify molecular groups of organic materials (ATR mode).

TEST METHOD AND RESULTS

Nicolet IS10 System

Vertec TPE material utilized in AV/BV/CV, PFV/WFV, and VRV applications, was analyzed by FT-IR. The absorbance spectrum below compares Vertec TPE and Silicone materials.



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RESULTS SUMMARY

Vertec TPE is a Styrene-Ethylene/Butylene-Styrene based Thermoplastic Elastomer (TPE) and does not contain any silicone as shown in above graph.

Notes: *Applies to FP64, FM71 and FK79 only.*