

High Throughput Permeability Measurement

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ABSTRACT

The large distribution of permeability values for typical reinforcement preforms requires extensive data for reliable design development. A sensor based design originally developed at the VUB for in-plane measurements in glass preforms has been improved and extended for carbon preforms and more general permeability tensors. A high throughput device for through thickness measurements has also been developed. Permeability distributions for carbon P4 preforms will be illustrated.