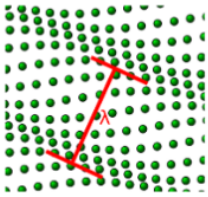
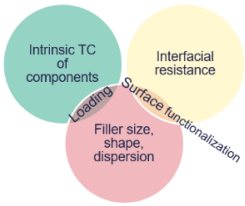
Thermal Conductivity

Thermally conductive, electrically insulating formulations play an important role in dissipating heat from engines, motors, batteries, and other heat sources.

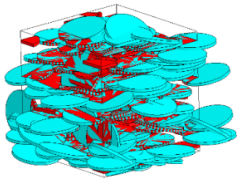
APPLICATIONS

Brushless DC Motors (BLDC) for Consumer Appliances	
Slot Liner Films for E-Mobility	

THEORY, KNOWLEDGE, & MODELS

Thermal Conductivity Basics	
Thermal Conductivity in Filled Polymer Formulations	

CAPABILITIES

Laser Flash (ASTM E1460) - Alpharetta	blocked URL
Hot disk TPS 500 (ISO 22007-2) - Bollate	blocked URL
Finite Element Analysis prediction (CAE)	

Internal comparison of laser flash and hot disk for composite material

Internal/external comparison of methods for thin films