(OTE Materials)

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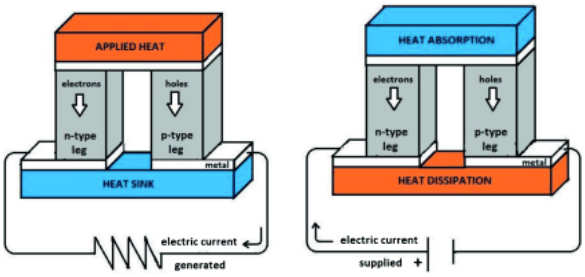
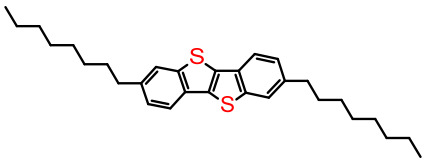
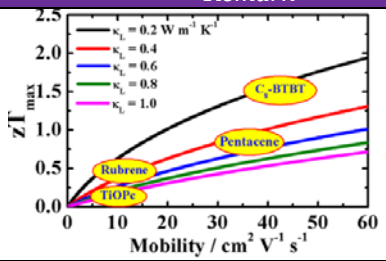
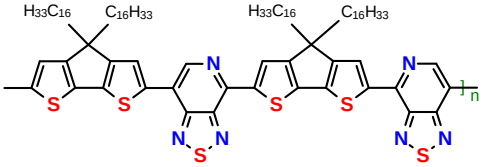
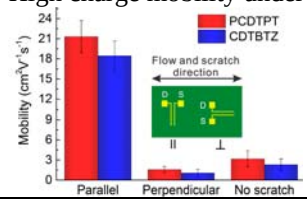
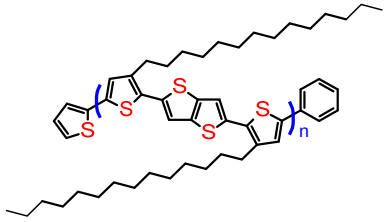
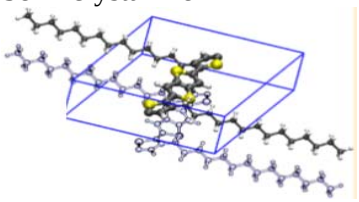
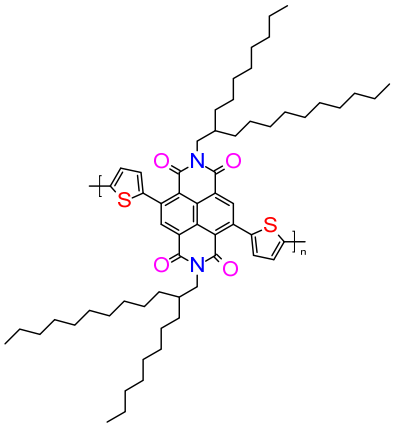
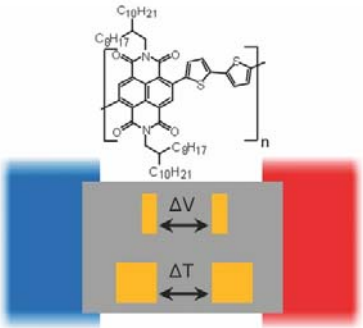


From waste heat to power source, thermoelectric materials can turn a temperature difference into electricity by exploiting the flow of electrons from a warmer area to a cooler one. Organic thermoelectric (OTE) materials are of flexibility, cost effectiveness, and low thermal conductivity. 1-Material Inc is looking for your suggestions to further tune these OTE materials exampled below confidentially and reliably.

Common Name	*Structure*	*Remark*
C8-BTBT		
PCDTPT		High charge mobility under stress 
PBTTT-C14		Semi-crystalline 
PNDI-2T P(NDI2OD-T2)		N-type semiconducting polymer  High electron mobility

Please contact info@1-material.com for new potential Organic Thermoelectric (OTE) materials we can custom make.