Study the current management of waste PCBs in Malaysia

Collection of waste nonmetallic PCBs and recycled HDPE from factory

Blends of rHDPE, MAPE compatibilizer and nonmetallic PCBs were premixed in sealed containers and shaken manually

The blends were compounded by counter rotating twin screw extruder

The extruded materials were palletized

Pallets were thermoformed by hot press machine into mechanical test specimens

Flexural, tensile and Izod impact strength tests were carried out

TCLP test was carried out on rHDPE/PCB composites

End

Figure 1