

Waste plastic liquefaction (oil recovery)

Shonan Trading Co., Ltd.

Summary of technology

- Provide a total technological solution to plastic waste recycling by optimum integration of material, chemical, and thermal recycling technologies.

Technology features / advantages

- Technological showcase of various material recycling technologies of plastic waste (PET to PET, material recovery of PE films, etc.)
- Recovery of oil from the “difficult-to-treat” types of plastic waste (PE, PP, PS, etc. with high recovery rate of more than 90%)
- Reducing fuel cost and CO2 emission by using the produced oil for heat boiler and power generation

