

Figure 1 (base case)
Pyrolysis of Waste Plastics to Fuel or Wax

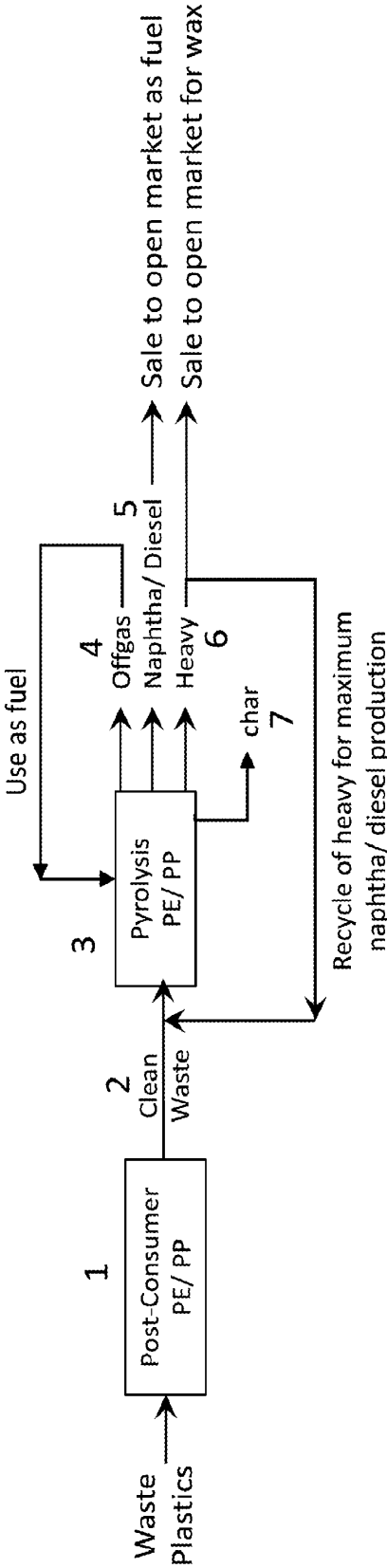


Figure 2
Preparation of a Hot Homogenous Blend of Plastic and Bio Feedstock
for Direct Conversion of Plastic Waste in Conversion Units

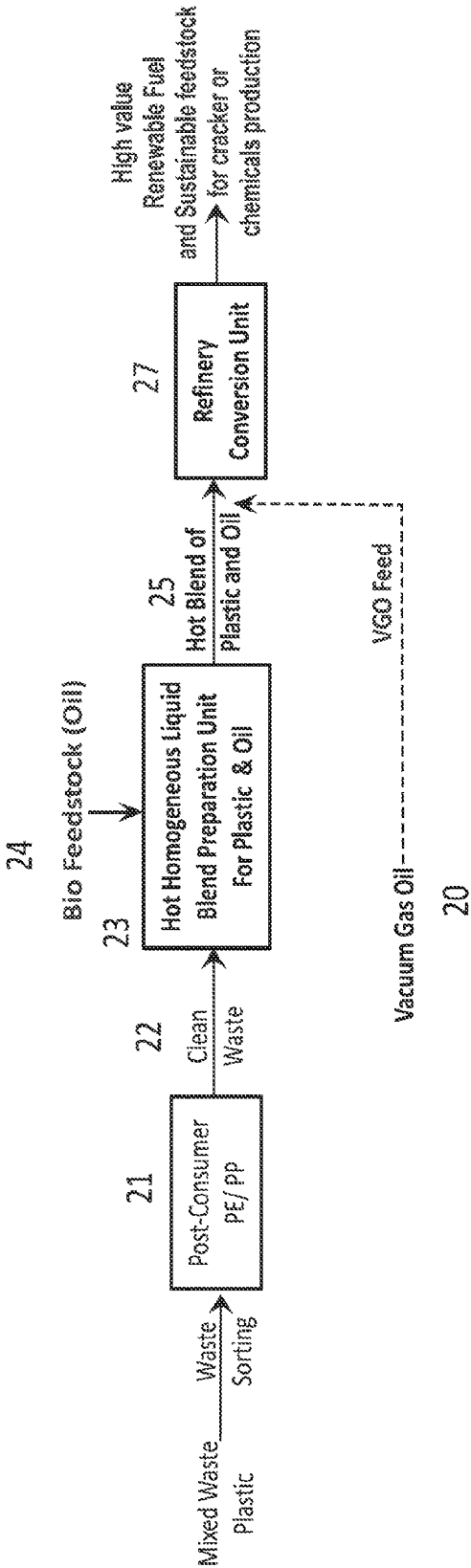


Figure 3
Stable Blend Preparation Unit Details

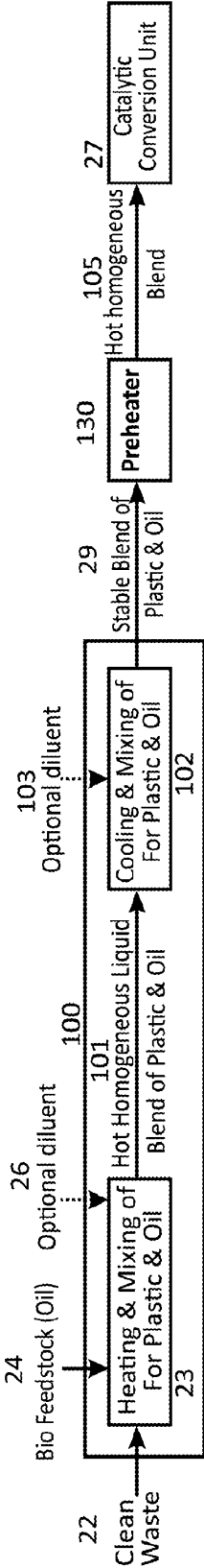


Figure 4
Plastic Type Classification for Waste Plastics Recycling

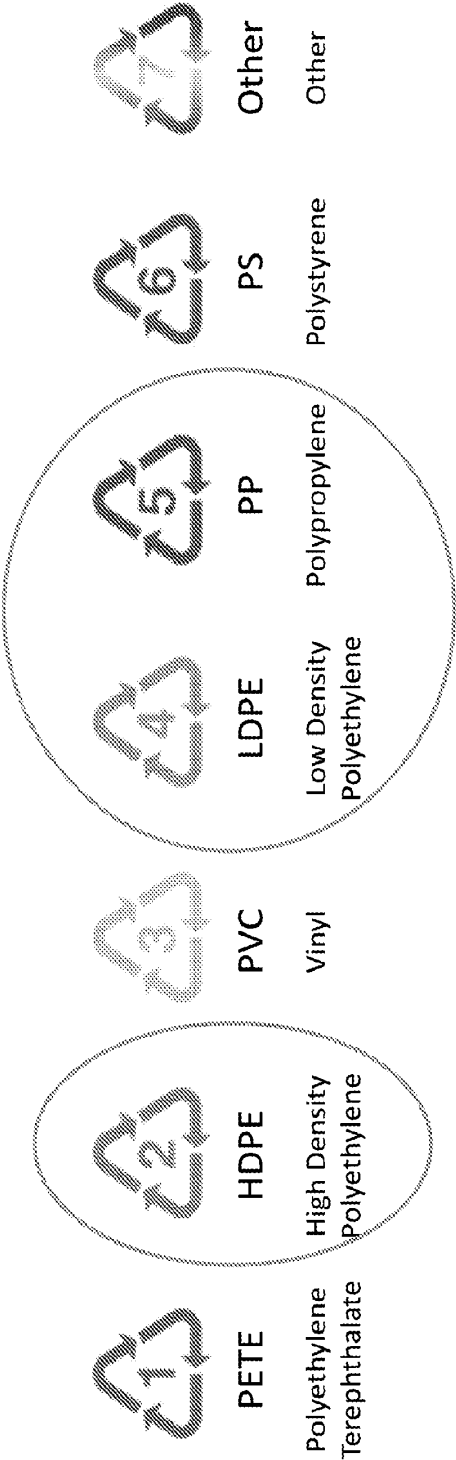


Figure 5
Circular Economy for Plastic Waste to Aromatic Polymers and Renewable Fuels
via FCC Catalytic Conversion of a Plastic/Bio Feedstock Blend

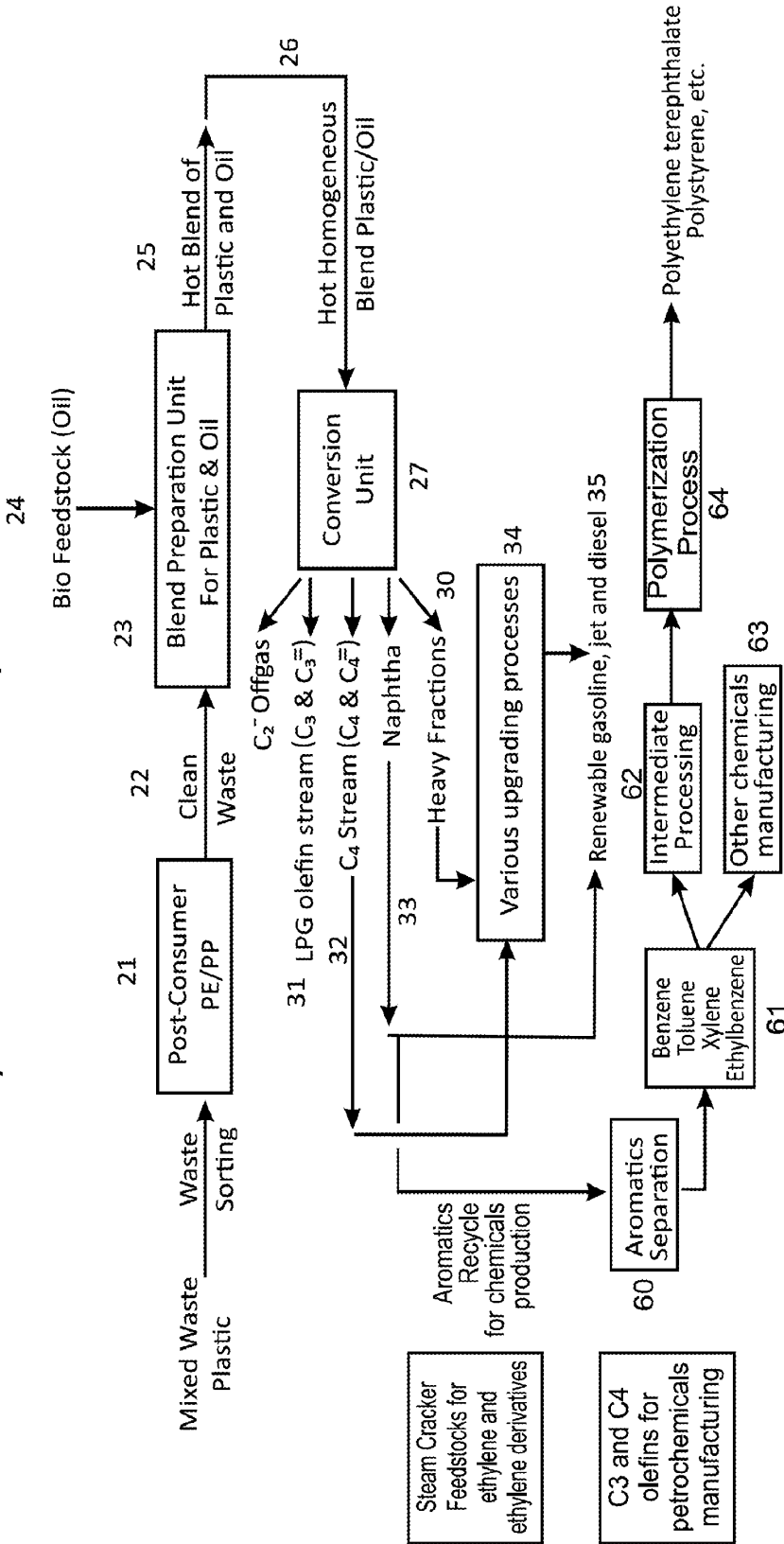


Figure 6
Circular Economy for Plastic Waste to Polyethylene
via Co-Feeding of Plastic/Bio Oil Blend Through Oil Refinery HCR Unit

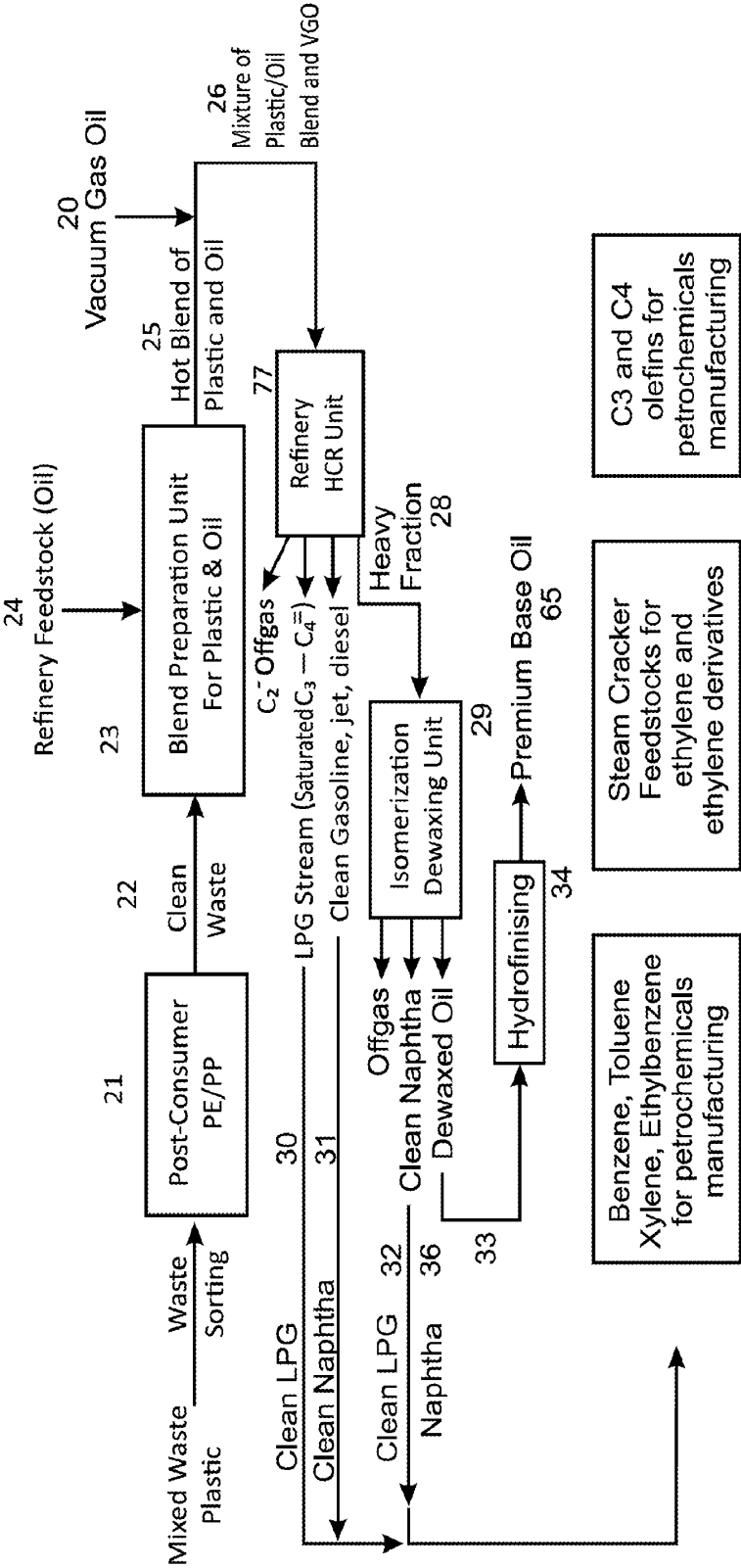


Figure 7
Thermal Stability of Polyethylene and Polypropylene
by Thermal Gravimetric Analysis

