## Manufacturing Energy and Carbon Footprint

**Sector:** Plastics (NAICS 326)

### Total Energy

<table>
<thead>
<tr>
<th>Energy Use (TBtu = Trillion British Thermal Units)</th>
<th>Combustion Emissions (MMT CO₂e = Million Metric Tons Carbon Dioxide Equivalent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offsite</td>
<td></td>
</tr>
<tr>
<td>Total Emissions = Offsite Emissions + Onsite Emissions</td>
<td></td>
</tr>
</tbody>
</table>

*Energy use data source: 2006 MECS (with adjustments)*

*Last Revised: October 2012*

*Notes:*
- Feedstock energy not included
- Energy values <0.5 TBtu shown as 0
- Values represent aggregate data
- Offsite generation shown on net basis

Prepared for the Advanced Manufacturing Office (AMO) by Energetics Incorporated
Onsite Energy and Carbon Footprint
Sector: Plastics (NAICS 326)

Onsite Energy Use:
- Total Site Energy Use: 336 TBtu
- Onsite Combustion Emissions: 9 MMT CO₂e

Fuel Types:
- Natural Gas: 82%
- Distillate and Residual Fuel Oils: 8%
- Coal: 6%
- LPG and NGL: 3%
- Other Fuels: < 0.5%

Energy Use (TBtu = Trillion British Thermal Units)
Combustion Emissions (MMT CO₂e = Million Metric Tons Carbon Dioxide Equivalent)

Total Emissions = Offsite Emissions + Onsite Emissions

Prepared for the Advanced Manufacturing Office (AMO) by Energetics Incorporated