Primary Energy, 2018

**Manufacturing Energy and Carbon Footprint**
Sector: Textiles (NAICS 313-316)

**Primary Energy Use:** 183 TBtu
**Total GHG Emissions:** 9 MMT CO₂e

### Energy Use

Energy (TBtu = Trillion British Thermal Units)
- **Fuel**
- **Electricity**
- **Steam**
- **Combined**

**Greenhouse Gas (GHG) Emissions**
(MMT CO₂e = Million Metric Tons Carbon Dioxide Equivalent)
- **Offsite**
- **Total**
- **Onsite**

Total Emissions = Offsite Emissions + Onsite (Combustion + Process) Emissions

**Energy Use**
- 2018 EIA MECS (with adjustments). For full information on references, definitions, assumptions, and other sectors, visit this [webpage](#)

**Last Revised:** December 2021

**Notes:**
- Sector-wide aggregate data for year 2018; energy values rounded to nearest whole number
- Offsite generation shown on net basis (purchases, sales, and transfers accounted for) and includes onsite noncombustion renewable output
- Electricity export refers to sales and transfers offsite of electricity to utilities and other entities
- Feedstock energy excluded from primary, offsite, and onsite energy values and included in Energy for All Purposes
- Excess steam refers to the sales and transfer offsite or purging of surplus steam

**Energy for All Purposes estimated at 183 TBtu**
Includes primary energy plus net energy consumed for nonfuel purposes, including feedstock use

---

Prepared for the U.S. Department of Energy, Advanced Manufacturing Office by [Energetics](#)
Manufacturing Carbon Footprint
Sector: Textiles (NAICS 313-316)

Primary Energy Use: 183 TBtu
Total GHG Emissions: 9 MMT CO₂e

Fuel and GHG Emissions, 2018

Energy use data source:
2018 EIA MECS (with adjustments)

Process emissions data source:
See webpage for details

Last Revised: December 2021

Notes:
Sector-wide aggregate data for year 2018; energy values rounded to nearest whole number; emissions values rounded to nearest tenth

Prepared for the U.S. Department of Energy, Advanced Manufacturing Office by Energetics