

1 Eliminate wasted energy

Resource
consumption cut

Countermeasures against global
warming in molding factories

Productivity UP

Added Value UP

Despite the presence of insulation boards, heat still transfers from the mounting plates to the platens.
Preventing heat loss significantly saves energy.

Mold insulation system

Overview

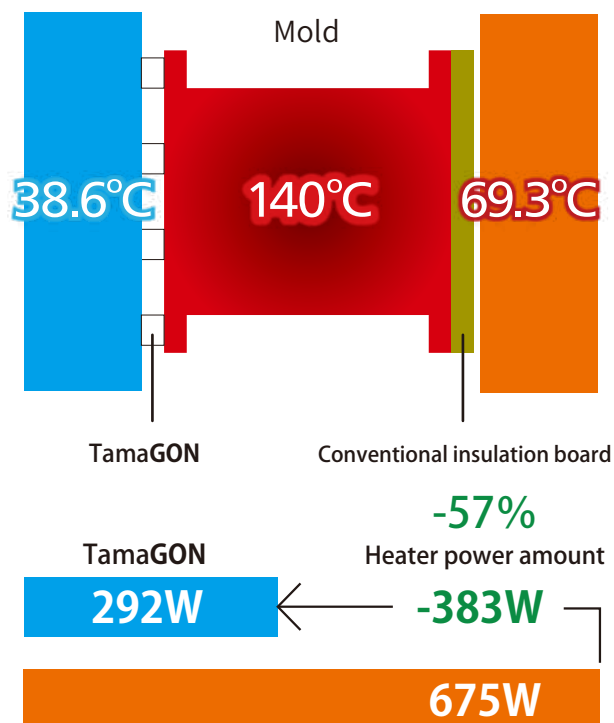
The combination of newly developed insulation parts 'TamaGON', insulation washers for mold mounting bolts, and insulation locating rings greatly suppresses heat leakage from the mold.



Insulation 'TamaGON' parts



Insulated locate ring



Conventional installation method (using insulation board)

Mold mounting plate: 220mm x 150mm / Mold temperature: Actual value at 140°C



Insulation 'TamaGON' parts



For mold mounting bolts
insulation washer

Features

- Demonstrates superior insulation effect compared to conventional insulation boards and shortens heating time
- Cuts power use for mold temperature control and eases strain on the environment from heat (saving on AC costs).

★Based on the provided mold mounting information, part layout diagrams, heat transfer calculations, and estimates will be provided.