

PCM (Prepreg Compression Molding)

Characteristics and Advantages

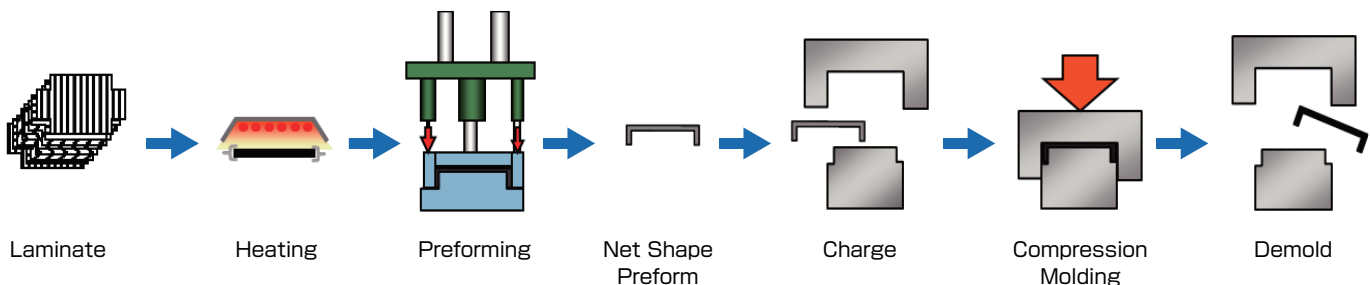
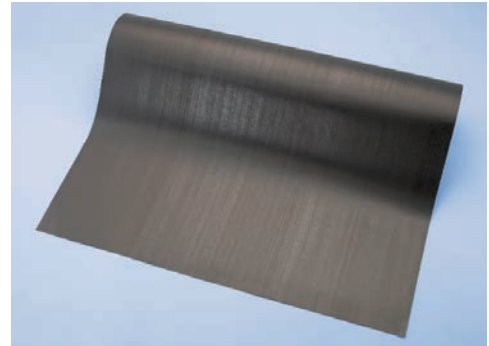
- Quick cure prepreg materials optimized for press molding (5 minutes @ 140°C)

*Potential: 3000 parts per a month (In case of roof panel)

- Product line-up (Epoxy base)

1. High Tg (Tg 170°C) Target application: Painted outer panels (Class-A surface quality)
2. Tough Type (Tg 130°C) Target application: Structural parts

- Molding Process



Applicable components

- Nissan GT-R - Roof (Woven carbon fiber fabric / CFRP sandwich panel)



- Audi RS5 - Roof (Woven carbon fiber fabric / Clear coat painted)



Proposal for the future

- In addition to PCM application on outer panels and structural parts, we facilitate "Multi-material" application development (e.g. hybrid molding with metal and/or carbon SMC)