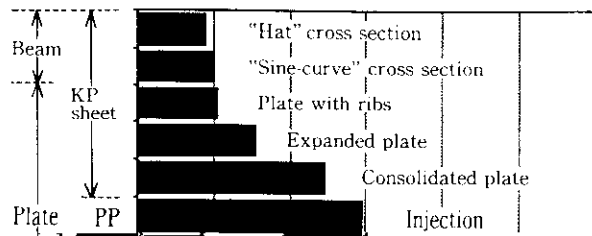


**Long-Fiber-Glass-Reinforced Thermoplastic  
Composite "KP-SHEET"\***

Tsuguo Takehara\*\* Hidetaka Suginohe\*\*\*





sections. When unidirectional rigidity is required, the "hat" cross section is advantageous for beams, and the "sine-curve" cross section is recommended for plates. When two-directional rigidity is required of a plate, combinations of ribs permit wide design scope. The selection of the size and thickness of a plate on which the design of such parts is based and the uniform GF