S300 CMC System

- Sylramic™ SiC Fiber Reinforced Composites with PIP-derived Crystalline [SiC+Si$_3$N$_4$] or SiC Matrix

- Compared to S200, the S300 CMC has improved:
  - Strength
  - Elastic Modulus
  - Proportional Limit
  - Creep Resistance
  - Environmental Stability
  - Thermal Conductivity