Thermoplastic technology (TCAC) for Aerospace Structures

TenCate Advanced Composites are an industry leading developer as a Toray group and producer of TenCate Cetex® advanced thermoplastic composite materials for the aerospace industry. The portfolio consists of unidirectional and fabric based prepregs & tapes, semipregs, laminates and sandwich panels, with aerospace grade PEEK, PEKK, PPS and PEI thermoplastic resins.

The Airbus engine pylon cover uses TenCate CetexR TC1100 and was selected due to its outstanding toughness and excellent chemical and solvent resistance.