

MLX 17 now listed in the MMPDS Handbook

The MMPDS (Metallic Material Properties Development and Standardization) handbook¹ contains "design allowables" for metals and alloys used for aerospace structural parts. It is a worldwide reference directory for designers. The values contained are recognized by the FAA, the DoD, and other agencies, in the US and abroad.

Physical and mechanical properties have been generated for the MLX17 (AMS 5937), from a large range of lots and melts of material, and for sizes up to 12 inches (300mm). The data were analyzed by the Battelle and the statistical values for design are now published in the MMPDS-05 Handbook.

Certified by an independent company, these values provide a high level of confidence to designers and avoid specific FAA (or other agencies) review. It will therefore boost our sales.

The MLX17 complements a series of high strength, high fracture toughness and corrosion resistant PH steels from AUBERT & DUVAL, from X15U5W (15-5PH), to MLX19. This series of alloys provides solutions ranging from 150ksi (1030 MPa) to 275Ksi (1900MPa), allowing substitution to cadmium or chromium plating.

Olivier Laurent

¹ available for purchase through Battelle at <http://projects.battelle.org/mmpds>