Molybdenum
Wire for Thermal Spraying

T&D Materials manufactures and supplies premium molybdenum wire for thermal spraying.

Spraying molybdenum wire is used as a thin coating on the surface of automobile components subject to wear, such as piston rings, gearbox synchronesh parts, selector forks, etc. Molybdenum wire is also sprayed onto machine parts such as bearings for repair purposes.

Materials:
pure molybdenum, Mo>99.95%, impurities<0.05%, each element content <0.01%

Properties:
• The weight of single wire is up to 18-25kg without any welded joint, which results in enhancing the efficiency and decreasing the operating costs.

Diameter:
• 3.175mm, 2.31mm, 1.60mm and 1.45mm

Tolerance:
• 3.175mm + / -0.025mm or + 0 / -0.05mm
• 2.3mm--1.45mm + / -0.02mm + 0 / -0.05mm

Tensile strength:
• >700-900N / mm2

Elongation:
• >5%