

AF403 Bronze and Molybdenum Disulphide Filled PTFE

The addition of Bronze to PTFE gives better dimensional stability and lowers creep, cold flow and wear. It increases hardness and compressive strength whilst also increasing thermal and electrical conductivity. Molybdenum Disulphide greatly improves the materials self lubrication properties.

Typical Physical properties

Property	Test Method	Value
Specific Gravity	BS EN ISO 13000-2	3.78 g/cm ³
Tensile Strength	BS EN ISO 13000-2	16 MPa
Elongation	BS EN ISO 13000-2	350 - 420%
Shore D Hardness	D-1706.1	63 - 68

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All information is based on typical test results performed under specific conditions and limited sample size. This does not represent a legally binding guarantee of certain properties or the suitability for specific applications. All information is provided in good faith at time of print.

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