

AF707 UHMWPE

UHMWPE is a semi-crystalline engineering thermoplastic. It is a very tough material with good wear resistance and low temperature properties, excellent electrical resistance and lightweight.

Typical Physical properties

Property	Test Method	Value
Specific Gravity	D – 792	0.93 g/cm ³
Tensile Strength	D – 638	40 MPa
Elongation	D – 638	>200%
Coefficient of Friction		0.29
Coefficient of thermal Expansion	D – 696	20 X 10 ⁻⁵ /K
Max Service Temperature Short Term		130°C
Max Service Temperature Long Term		90°C

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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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