

AF908 ACETAL Homopolymer Data Sheet

Polyoxymethylene (Acetal) is a semi-crystalline thermoplastic engineering material with high strength and rigidity, excellent machinability and suitable for many varied applications.

- Very good electrical insulation
- Resistant to dilute acids and most solvents
- Good sliding properties
- Strong and rigid
- Easily welded
- Easily machined

Typical Physical properties

Property	Test Method	Value
Density	ASTM D792	1.42 g/cm ³
Tensile (At yield) 23°C	ASTM D638	70 MPa
Elongation (At break) 23°C	ASTM D638	25%
Max service temperature		150°C
Specific volume resistance	DIN 60093	>10 ¹⁴ Ω CM
Dielectric strength 1mm	ASTM 149	>50

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