

PIER ONE POLYMERS INCORPORATED

Thermoplastic Solutions

Property Data

MAXATEL AC109-NAT

Acetal (POM) Copolymer Natural

Property	Test Method	Units	Value
			DAM
Mechanical Tensile Strength Elongation @ Break Flexural Modulus Flexural Strength Izod Impact	ASTM D 638 ASTM D 638 ASTM D 790 ASTM D 790 ASTM D256	Mpa (psi) % Mpa (psi) Mpa (psi) J/m (ft lb/in)	60.7 (8,800) 60 2,586 (375,000) 89.6 (13,000) 67 (1.25)
Thermal Heat Deflection Temperature 1.8 Mpa (264 psi) Melting Point	ASTM D 648 ASTM D 3418	°C (°F) °C (°F)	110 (230) 166 (331)
Physical Specific Gravity Melt Flow Rate	ASTM D 792 ASTM D 1238 230 °C, 3800 g		1.41 8-10
Processing Melt Temperature Range Mold Temperature Range Drying Temperature Drying Time		°C (°F) °C (°F) °C (°F)	182-198 (360-390) 76-93 (170-200) 110 (230) 2.0 hr

Mechanical properties measured at 23°C (73°F)

Contact Pier One Polymers, Inc. for MSDS, general guidelines and/or additional information about ventilation, handling, purging, drying, etc.

CALL PIER ONE POLYMERS FIRST (877) 283-1975

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