

PIER ONE POLYMERS INCORPORATED

Thermoplastic Solutions

Property Data

MAXATEL ACGC15 BK

15% Glass Reinforced Acetal (POM) Copolymer

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)	79.3 (11,500) 7% 4,827.6 (700,000) 110.3 (16,000) 67 (1.25)
Thermal Heat Deflection Temperature 1.8 Mpa (264 psi) Melting Point	ASTM D 648 ASTM D 3418	°C (°F) °C (°F)	149 (300) 166 (325)
Physical Ash Melt Flow Rate	ASTM D 4218 ASTM D 1238 230 °C, 3800 g	%	15 +/-2 7-9
Processing Melt Temperature Range Mold Temperature Range Drying Temperature Drying Time		°C (°F) °C (°F) °C (°F)	182-198 (360-390) 82-93 (180-199) 82 (180) 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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