



**MEGA RECYCLING**  
AND COMPOUNDING SERVICES LLC.

## Product Data Sheet

### MegaRe® AC90

**MegaRe® AC90 is a medium viscosity copolymer acetal, injection molding resin.**

**MegaRe® is available in both natural and black color.**

Property	°C Test Method	Units	Value
			DAM
<b>Mechanical</b>			
Yield Stress	ISO 527	psi	10,200
Strain @ Break	ISO527	%	40
50mm/min			
Yield Strain	ISO527	%	17
Flexural Modulus	ISO 178	psi	400,000
Notched Charpy Impact Strength, 23 °C	ISO 179/1eA	ft-lb/in2	4.1
<b>Thermal</b>			
Heat Deflection Temperature	ISO 75f	°F	201
1.8 Mpa (264 psi)			
Melting Point	ISO 11357-1/-3	°F	352
<b>Other</b>			
Density	ISO 1183	Kg/m3 (g/cm3)	1.42
Melt Flow Rate	ISO 1133	g/10 min	15
190 °C, 2.16 kg			
<b>Processing</b>			
Melt Temperature Range		°C (°F)	200-210 (390-410)
Melt Temperature Optimum		°C (°F)	205 (400)
Mold Temperature Range		°C (°F)	71-93 (160-200)
Mold Temperature Optimum		°C (°F)	82 (180)
Hold Pressure Range		MPa (kpsi)	60-80 (9-12)

Mechanical Properties measured at 23° C

Contact Mega Recycling LLC for MSDS, general processing guidelines and/or additional information about verification, handling, purging, drying, etc.

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