



MEGA RECYCLING
AND COMPOUNDING SERVICES LLC.

Product Data Sheet

MegaRe® AH90

MegaRe® AH90 is a medium viscosity homopolymer acetal, injection molding resin. MegaRe® is available in both natural and black color.

Property	°C Test Method	Units	Value
			DAM
Mechanical			
Yield Stress	ISO 527	psi	10,200
Strain @ Break 50mm/min	ISO527	%	40
Yield Strain	ISO527	%	17
Flexural Modulus	ISO 178	psi	400,000
Notched Charpy Impact Strength, 23 °C	ISO 179/1eA	ft-lb/in ²	4.1
Thermal			
Heat Deflection Temperature 1.8 Mpa (264 psi)	ISO 75f	°F	201
Melting Point	ISO 11357-1/-3	°F	352
Other			
Density	ISO 1183	Kg/m ³ (g/cm ³)	1.42
Melt Flow Rate 190 °C, 2.16 kg	ISO 1133	g/10 min	15
Processing			
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 for MSDS, general processing guidelines and/or additional information about verification, handling, purging, drying, etc.

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