

MCP Vacuum Casting Resin	8051
Properties	rigid / high temperature
Product Colour	white
Hardness (Shore A/D) @ 23°C	84 D
Flexural Modulus (MPa)	1965
Flexural Strength (MPa)	85,9
Tensile Modulus (MPa)	2150
Tensile Strength (MPa)	55,9
Heat Deflection Temp. °C (Tg)	92
Glass Transition Temp. °C (Tg)	110
Elongation Yield (%)	5
Elongation at Break (%)	8
Tear Strength (MPa)	--
Yield Strength (MPa)	62
Izod Impact (kJ/m ²)	9,8
Thermal Conductivity (W/mK)	0,225
Density (kg/dm ³ @ 23 °C)	
Part A	1,12
Part B	1,19
Viscosity (cPs @ 23 °C)	
Part A	750
Part B	180
Mixing Ratio by weight (A:B)	100:200
Pot Life: sec. (100 g @ 23 °C)	300
Pot Life: min. (100 g @ 23 °C)	--
Curing Time	
(@ 23 °C) min./h	--
(@ 70 °C) min.	40
Shrinkage (%) According to Wall Thickness	0,2 - 0,3