

6020 Spec Sheet

MCP Vacuum Casting Resin	6020
Properties	rigid / high temperature
Product Colour	White
Hardness (Shore A/D) @ 23°C	69 D
Flexural Modulus (MPa)	1395
Flexural Strength (MPa)	62,1
Tensile Modulus (MPa)	1295
Tensile Strength (MPa)	35,5
Heat Deflection Temp. °C (Tg)	80
Glass Transition Temp. °C (Tg)	95
Elongation Yield (%)	6,5
Elongation at Break (%)	21
Tear Strength (MPa)	--
Yield Strength (MPa)	40,2
Izod Impact (kJ/m ²)	4,1
Thermal Conductivity (W/mK)	0,194
Density (kg/dm ³ @ 23 °C)	
Part A	1,00
Part B	1,18
Viscosity (cPs @ 23 °C)	
Part A	200
Part B	40
Mixing Ratio by weight (A:B)	100:100
Pot Life: sec. (100 g @ 23 °C)	300
Pot Life: min. (100 g @ 23 °C)	--
Curing Time	
(@ 23 °C) min./h	--
(@ 70 °C) min.	45
Shrinkage (%) According to Wall Thickness	0,2