

MAX MCR BLACK A/B

PHYSICAL AND MECHANICAL PROPERTIES

Form And Color	Black Liquid , Self Leveling Other Colors Available
Viscosity	Part A 2,500 cPs
Viscosity	Part B 750 cPs
Mixed Viscosity	2800 cPs (after induction time)
Mix Ratio By Weight	(2: 1) 100 Parts A to 50 Parts B
Mix Ratio By Volume	(2: 1)100 Parts A to 50 Parts B
Mixed Density	1.10 g/cc
Working Time	30-45 minutes (400 gram mass)
Gel Time	60 minutes
Peak Exotherm	280°F max (400 gram mass)
Demold Time	24 hours room temperature
Accelerated Cure	2 Hours @ 75°F plus 30 minutes at 200°F
Shore Hardness	70- 75 Shore D
Shrinkage	<0.50 %
Compressive Strength	13,800 psi
Tensile Strength	9,900 psi
Tensile Elongation	4%
Heat Distortion Temperature	190°F

ELECTRICAL AND THERMAL CONDUCTIVITY PROPERTIES

Volume Resistivity	4.7 X 10 ¹³ Ohms-Cm
Dielectric Strength	510 Volts/Mil 60 Cycles
Dielectric Constant	4.0 (10 kHz)
Dissipation Factor	0.014 (10 kHz)
Thermal Conductivity (Unfilled) 40°-45°C	0.25 W/mK