

## Certificate of Analysis

Date of Testing: 2023-10-20 09:25:00  
Date of Next Testing: 2027-10-19 09:25:00  
Product Name: **Poly(methyl methacrylate)**  
CAS Number: 9011-14-7  
Specifications & Purity: General injection grade  
Lot #: J2312173  
SKU #: **P141444**  
**Analysis: 261103**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Tensile Elongation	4.6-5.3 (%)	4.80 %
Tensile strength	650-700 (kg/cm <sup>2</sup> )	650.00 kg/cm <sup>2</sup>
Vicat Softening Temp	102-109 (°C)	108.60 °C
Flexural Strength	1050-1170 (kg/cm <sup>2</sup> )	1100.00 kg/cm <sup>2</sup>
Melt Flow Index	7.5-8.5 (g/10min)	7.50 g/10min
Light Transmission	90-95 (%)	90.00 %
Heat deflection temperature	90-95 (°C)	91.00 °C
Izod Impact Strenght	2.0Kg-cm/cm	2.0Kg-cm/cm



John Su  
QA & QC Manager