

## Certificate of Analysis

Date of Testing: 2024-08-21 19:26:53  
Date of Next Testing: 2028-08-20 19:26:53  
Product Name: **Poly(methyl methacrylate)**  
CAS Number: 9011-14-7  
Specifications & Purity: High flow injection grade  
Lot #: H2419028  
SKU #: **P141442**  
Version: **0**  
Analysis #: **111652**

Parameter	Limit Values	Result
Tensile Elongation	4.6-5.3 (%)	4.80 %
Flexural Strength	880-975 (kg/cm <sup>2</sup> )	915.00 kg/cm <sup>2</sup>
Tensile strength	620-680 (kg/cm <sup>2</sup> )	640.00 kg/cm <sup>2</sup>
Vicat Softening Temp	100-105 (°C)	101.50 °C
Melt Flow Index	15.2-16.5 (g/10min)	16.00 g/10min
Light Transmission	90-95 (%)	92.00 %
Heat deflection temperature	87-92 (°C)	90.00 °C
Izod Impact Strenght	2.0Kg-cm/cm	2.0Kg-cm/cm



John Su  
QA & QC Manager