

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-09 13:09:35  
Date of Next Testing: 2027-06-08 13:09:35  
Product Name: **Poly(methyl methacrylate)**  
CAS Number: 9011-14-7  
Specifications & Purity: Heat resistant injection grade  
Lot #: F2302276  
SKU #: **P141443**  
**Analysis: 225375**

Parameter	Limit Values	Result
Flexural Strength	1050-1170 (kg/cm <sup>2</sup> )	1095.00 kg/cm <sup>2</sup>
Melt Flow Index	1.6-2.1 (g/10min)	1.80 g/10min
Vicat Softening Temp	110-120 (°C)	116.40 °C
Tensile strength	690-750 (kg/cm <sup>2</sup> )	721.00 kg/cm <sup>2</sup>
Tensile Elongation	4.6-5.3 (%)	5.10 %
Heat deflection temperature	98-103 (°C)	99.20 °C
Light Transmission	90-95 (%)	91.50 %
Izod Impact Strength	2.0Kg-cm/cm	2.0Kg-cm/cm



John Su  
QA & QC Manager