

## Certificate of Analysis

Date of Testing: 2022-06-11 14:41:54  
Date of Next Testing: 2026-06-10 14:41:54  
Product Name: **Poly(methyl methacrylate)**  
CAS Number: 9011-14-7  
Specifications & Purity: Heat resistant injection grade  
Lot #: F2209217  
SKU #: **P141443**  
Analysis: **083305**

Parameter	Limit Values	Result
Flexural Strength	1050-1170 (kg/cm <sup>2</sup> )	1110.00 kg/cm <sup>2</sup>
Melt Flow Index	1.6-2.1 (g/10min)	1.60 g/10min
Heat deflection temperature	98-103 (°C)	98.25 °C
Vicat Softening Temp	110-120 (°C)	117.00 °C
Tensile strength	690-750 (kg/cm <sup>2</sup> )	720.00 kg/cm <sup>2</sup>
Light Transmission	90-95 (%)	91.40 %
Tensile Elongation	4.6-5.3 (%)	4.90 %
Izod Impact Strenght	2.0Kg-cm/cm	2.0Kg-cm/cm



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QA & QC Manager