

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-03 14:24:02  
Date of Next Testing: 2026-09-02 14:24:02  
Product Name: **Polystyrene**  
CAS Number: 9003-53-6  
Specifications & Purity:  
Lot #: H2231659  
SKU #: **P490073**  
Version: **1**  
Analysis #: **131037**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Tensile strength-EL,50mm/min	35-49 (%)	38.00%
Tensile strength (Tsy50mm/min)	26-32 (Mpa)	29.00000 Mpa
Tensile strength-Tsb,50mm/min	20-25 (Mpa)	23.10 Mpa
MVR(200°C×5kg)	4.5-6.5 (cm <sup>3</sup> /10min)	5.50 cm <sup>3</sup> /10min
Charpy Impact	8-11 (KJ/M <sup>2</sup> )	10.20 KJ/M <sup>2</sup>



John Su  
QA & QC Manager