

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-04 11:20:12

Date of Next Testing: 2029-08-03 11:20:12

Product Name: **PEEK**

CAS Number: 29658-26-2

Specifications & Purity: PTFE, carbon fiber, graphite reinforced

Lot #: H2501710

SKU #: **P580734**

Version: **1**

Analysis #: **547395**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Melt index	1-4 (g/10min)	1.90000 g/10min
Tensile strength	≥ 130 (MPa)	171.30000 Mpa
Tensile Elongation	≥ 1 (%)	1.50000 %
Impact Strength	≥ 3 (KJ/M2)	8.50000 KJ/M2
Flexural Modulus	≥ 10 (GPa)	11.60000 GPa
Flexural Strength	≥ 200 (MPa)	245.50000 Mpa
Specific gravity	1.43-1.47	1.44000
Appearance(P580734)	Black granules	Black Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager