

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-25 16:48:00

Date of Next Testing: 2029-11-24 16:48:00

Product Name: **PEEK pure resin Fine powder**

CAS Number: 29658-26-2

Specifications & Purity: Used for molding

Lot #: K2517637

SKU #: **P580725**

Version: **2**

Analysis #: **601884**

Storage Temperature: Room temperature

| Parameter             | Limit Values              | Result                    |
|-----------------------|---------------------------|---------------------------|
| Melt index            | 8-12 (g/10min)            | 10.50000 g/10min          |
| Tensile strength      | ≥90 (MPa)                 | 96.20000 Mpa              |
| Tensile Elongation    | ≥15 (%)                   | 137.80000 %               |
| Impact Strength       | ≥5 (KJ/M2)                | 8.80000 KJ/M2             |
| Flexural Modulus      | ≥3.4 (GPa)                | 3.40000 GPa               |
| Flexural Strength     | ≥125 (MPa)                | 146.70000 Mpa             |
| Average Particle(D50) | 45-55 (μm)                | 49.00000 μm               |
| Specific gravity      | 1.28-1.32 (g/ml)          | 1.29000 g/ml              |
| Appearance(P580725)   | White to Off-White Powder | White to Off-White Powder |



John Su  
QA & QC Manager