

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-12 15:18:49

Date of Next Testing: 2027-09-11 15:18:49

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

CAS Number: 29658-26-2

Specifications & Purity: Used for molding

Lot #: I2308295

SKU # **P580725**

Version **2**

Analysis #: **269060**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melt index	8-12 (g/10min)	10.50000 g/10min
Tensile strength	≥90 (MPa)	93.20000 Mpa
Tensile Elongation	≥15 (%)	44.90000 %
Impact Strength	≥5 (KJ/M2)	8.80000 KJ/M2
Flexural Modulus	≥3.4 (GPa)	3.40000 GPa
Flexural Strength	≥125 (MPa)	143.80000 Mpa
Average Particle(D50)	45-55 (μm)	49.05000 μm
Specific gravity	1.28-1.32 (g/ml)	1.30000 g/ml
Appearance(P580725)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager