

## Certificate of Analysis

Date of Testing: 2023-11-21 13:30:21  
Date of Next Testing: 2027-11-20 13:30:21  
Product Name: **PEEK**  
CAS Number: 29658-26-2  
Specifications & Purity: 30% carbon fiber reinforced material  
Lot #: K2314224  
SKU #: **P580732**  
Analysis: **292490**

Parameter	Limit Values	Result
Melt index	4-8 (g/10min)	4.90000 g/10min
Tensile strength	≥200 (MPa)	232.00 Mpa
Tensile Elongation	≥1 (%)	2.10 %
Impact Strength	≥5 (KJ/M2)	9.70000 KJ/M2
Flexural Modulus	≥13 (GPa)	16.40000 GPa
Flexural Strength	≥270 (MPa)	334.90000 Mpa
Specific gravity	1.38-1.42 (g/ml)	1.41000 g/ml
Appearance(P580732)	Black Particles	Black Particles



John Su  
QA & QC Manager