

**NS6130-12-000928**

# POLYETHERKETONEKETONE

## Quick Facts

Product	:	Polyetherketoneketone
Stock No	:	NS6130-12-000928
CAS	:	29658-26-2
Molecular Formula	:	PEKK
Density	:	1.32g/cm <sup>3</sup>

**Purity**  
99.9%

Polyetherketoneketone (PEKK) is a high-performance thermoplastic in the polyaryletherketone (PAEK) family, known for its high melting point and exceptional resistance to heat, chemicals, and radiation. It offers superior strength, stiffness, and low creep, making it ideal for aerospace, automotive, and medical applications. PEKK is also compatible with fillers like carbon fiber and glass fiber and can be processed via injection molding, extrusion, or additive manufacturing.

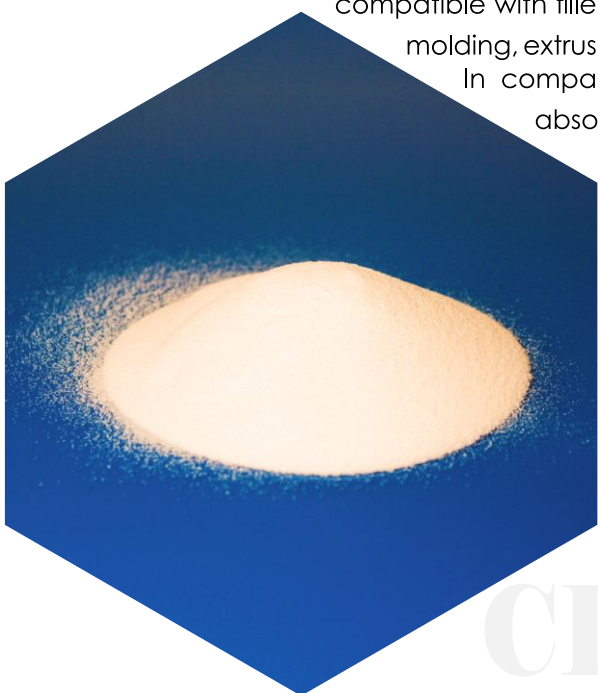
In comparison, Polyetheretherketone (PEEK) is renowned for its low moisture absorption, high tensile strength, and dimensional stability. It performs well at temperatures up to 250°C and resists combustion up to 600°C, with a density of 1.32 g/cm<sup>3</sup>.

### Application:

- Aerospace
- Automotive
- Medical: Used for implants, surgical instruments, and drug delivery
- Oil & Gas
- Electronics

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