

# Specification Sheet

Polyetheretherketone (PEEK)

(Dia: 18mm, Length: 510mm)

Stock No: NHS030-00030, CAS: 29658-26-2

<b>Product</b>	:	<b>Polyetheretherketone (PEEK)</b>
Stock No	:	NHS030-00030
CAS	:	29658-26-2
Diameter	:	18mm
Length	:	510mm
Molecular Formula	:	C <sub>19</sub> H <sub>14</sub> F <sub>2</sub> O <sub>3</sub>
Molecular weight	:	328.31g/mol
Form	:	Solid
Color	:	Beige
Density	:	1.32 g/cm <sup>3</sup>
Melting Point	:	~343 °C
Young's Modulus (E)	:	3.6 GPa
Tensile Strength (σ <sub>t</sub> )	:	90-100 MPa
Elongation @ Break	:	50%
Notch test	:	55 kJ/m <sup>2</sup>
Glass Temperature	:	143 °C
Thermal Conductivity	:	0.25 W/m.K
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>
<b>Date of Print</b>	:	<b>November, 2022</b>
<b>Version</b>	:	<b>1.1</b>

**Note:** Product Specification are subject to amendment and may change over time