



HIGH-PERFORMANCE FILMS

INNOVATIVE MATERIALS FOR
DEMANDING TECHNICAL APPLICATIONS

NOWOCAST PEEK

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NOWOCAST PEEK

HIGH-PERFORMANCE FILM

PRODUCT FEATURES

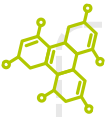
- ✔ High Temperature Resistance
- ✔ High Strength and Stiffness
- ✔ Exceptional Chemical Resistance
- ✔ Excellent Wear and Abrasion Resistance

APPLICATIONS

-  Automotive
-  Aerospace
-  Medical Devices
-  Electronics

SPECIFICATIONS

Thickness	< 10 - 500 µm
Width	up to 750 mm
Surface Treatment	Corona Treatment
Surface	glossy



RAW MATERIAL

POLYETHERETHERKETON is one of the highest performing thermoplastics. The combination of its properties allows to replace metal in some of the most severe end-use environments.

 **PFAS-free Material**

Properties	NOWOCAST PEEK (150 µm)	Test Standard
E-Modulus M.D.	2500 MPa	DIN EN ISO 527
E-Modulus T.D.	2500 MPa	DIN EN ISO 527
Yield Stress M.D.	85 MPa	DIN EN ISO 527
Yield Stress T.D.	85 MPa	DIN EN ISO 527
Elongation M.D.	5 %	DIN EN ISO 527
Elongation T.D.	5 %	DIN EN ISO 527
Max. Tensile Strength M.D.	100 MPa	DIN EN ISO 527
Max. Tensile Strength T.D.	100 MPa	DIN EN ISO 527
Elongation at break M.D.	250 %	DIN EN ISO 527
Elongation at break T.D.	250 %	DIN EN ISO 527