



HIGH-PERFORMANCE FILMS

INNOVATIVE MATERIALS FOR
DEMANDING TECHNICAL APPLICATIONS

NOWOCAST PEI

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NOWOCAST PEI

HIGH-PERFORMANCE FILM

PRODUCT FEATURES

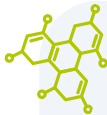
- ✓ High Temperature Resistance
- ✓ High Strength and Stiffness
- ✓ Excellent Chemical Resistance
- ✓ UV-C Resistance
- ✓ Flame Retardant

SPECIFICATIONS

Thickness	25 - 500 µm
Width	up to 750 mm
Surface Treatment	Corona Treatment
Surface	glossy

APPLICATIONS

-  Automotive
-  Aerospace
-  Medical Devices & Applications
-  Electronics
-  Building and Construction



RAW MATERIAL

POLYETHERIMID is an unreinforced amorphous resin with excellent mechanical, electrical and dimensional properties.

 **PFAS-free Material**

Properties	NOWOCAST PPSU	Test Standard
E-Modulus M.D.	2600 MPa	DIN EN ISO 527
E-Modulus T.D.	2600 MPa	DIN EN ISO 527
Yield Stress M.D.	110 MPa	DIN EN ISO 527
Yield Stress T.D.	110 MPa	DIN EN ISO 527
Elongation M.D.	6 %	DIN EN ISO 527
Elongation T.D.	6 %	DIN EN ISO 527
Max. Tensile Strength M.D.	120 MPa	DIN EN ISO 527
Max. Tensile Strength T.D.	110 MPa	DIN EN ISO 527
Elongation at break M.D.	80 %	DIN EN ISO 527
Elongation at break T.D.	60 %	DIN EN ISO 527