



HIGH-PERFORMANCE FILMS

INNOVATIVE MATERIALS FOR
DEMANDING TECHNICAL APPLICATIONS

NOWOCAST PPSU

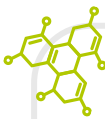
NOWOFOL Kunststoffprodukte GmbH & Co. KG
83313 Siegsdorf · Breslauer Straße 15 · Germany
Phone: +49 (0) 8662 6602-0 · Email: info@nowofol.de
www.nowofol.com

NOWOCAST PPSU

HIGH-PERFORMANCE FILM

PRODUCT FEATURES

- ✓ High Temperature Resistance
- ✓ High Impact and Fracture Strength
- ✓ Excellent Chemical Resistance
- ✓ Radiation Resistance
- ✓ Flame Retardant
- ✓ Thermal Stability



RAW MATERIAL

POLYPHENYLSULFONE offers exceptional hydrolytic stability and toughness superior to many other engineering thermoplastics.

PFAS-free Material

SPECIFICATIONS

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

APPLICATIONS

-  Automotive
-  Aerospace
-  Medical Devices & Applications
-  Food Technology

Properties	NOWOCAST PPSU	Test Standard
E-Modulus M.D.	1800 MPa	DIN EN ISO 527
E-Modulus T.D.	1800 MPa	DIN EN ISO 527
Yield Stress M.D.	70 MPa	DIN EN ISO 527
Yield Stress T.D.	70 MPa	DIN EN ISO 527
Elongation M.D.	8 %	DIN EN ISO 527
Elongation T.D.	8 %	DIN EN ISO 527
Max. Tensile Strength M.D.	85 MPa	DIN EN ISO 527
Max. Tensile Strength T.D.	85 MPa	DIN EN ISO 527
Elongation at break M.D.	150 %	DIN EN ISO 527
Elongation at break T.D.	130 %	DIN EN ISO 527