

Product Spotlight

PPSU RADEL®

Radel® PPSU stock shapes for your orthopedic surgical devices and instruments



PPSU RADEL®

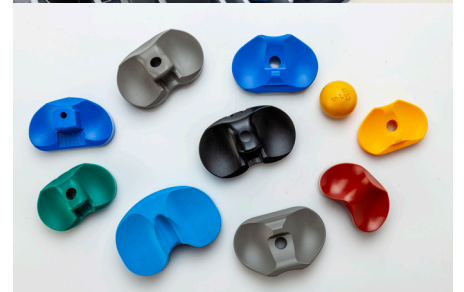
Radel WM is Westlake Plastics PPSU made exclusively with Solvay's Radel brand of PPSU. This amorphous thermoplastic offers a great combination of heat, chemical and impact resistance. Additionally, it has outstanding hydrolytic stability.

Radel® is a registered trademark of Solvay



KEY FEATURES

- Always made from genuine Solvay Radel® PPSU
- Round bar, Extruded & Compression molded sheet, Film
- 12 standard opaque colors, plus transparent tints, custom colors also available
- Radio opaque grades
- ISO 10993 compliant
- Lot controlled and fully traceable
- Superior toughness and strength even after extensive steam sterilization cycles



AUTHORIZED DISTRIBUTORS

BOEDEKER PLASTICS
(800) 444-3485 or <https://www.boedeker.com>

MODERN PLASTICS
(800) 243-9696 or <https://modernplastics.com>

TOTAL PLASTICS
(888) 874-1771 or lifesciences@totalplastics.com



COLORS AVAILABLE



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plastics
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TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
MECHANICAL			
Flexural Modulus	D790	349 kpsi	2,410 MPa
Flexural Strength - 5%	D790	13 kpsi	91 MPa
Izod Impact, notched	D256	12.9 ft-lb/in	690 J/m
Tensile Elongation @ Break	D638	60-120%	60-120%
Tensile Elongation @ Yield	D638	7.20%	7.20%
Tensile Modulus	D638	339 kpsi	2,340 MPa
Tensile Strength @ Break	D638	10 kpsi	69.6 MPa
THERMAL			
HDT @ 264 psi	D648	404 °F	207 °C
PHYSICAL			
Moisture Absorption	D570	0.37%	0.37%
Specific Gravity	D792	1.29	1.29
ELECTRICAL			
Volume Resistivity	D257	1 x 10 ¹⁵	1 x 10 ¹⁵



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Disclaimer* SMITHERS Quality Assessment certifications ISO 9001:2015 And ISO 13485:2016 apply to Westlake Plastics NA operations. BSI Quality Management certifications ISO 9001 and ISO 13485 apply to Westlake Plastics EU operations.

WEBSITE: westlakeplastics.com

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