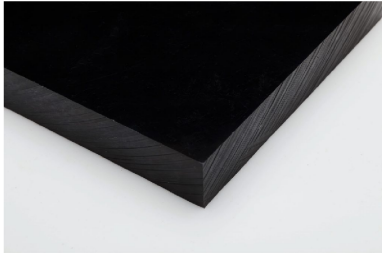




Phone: 1.610.459.1000
 Phone: 1.800.000.0000
 Fax: 610.459.1084
 490 West Lenni Road
 Lenni, PA 19052 U.S.A.
 Email: info@westlakeplastics.com

Pomalux® CN-F



Pomalux® POMC CN-F (Statically conductive polyoxymethylene copolymer) is a conductive, acetal copolymer that contains non-sloughing carbon fibers. These fibers produce a conductive material with surface resistivity in the 10^{ee4} to 10^{ee6} range while enhancing the copolymer's strength and stiffness.

INDUSTRY



Engineering

COLORS AVAILABLE



ATTRIBUTES



Wear Resistance



Dielectric Properties



Chemical Resistance



SHAPES

Compression Sheet





Phone: 1.610.459.1000
Phone: 1.800.000.0000
Fax: 610.459.1084
490 West Lenni Road
Lenni, PA 19052 U.S.A.
Email: info@westlakeplastics.com

Pomalux® CN-F

TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	214 kpsi	1,480 MPa
Flexural Strength - 5%	D790	8.7 kpsi	60 MPa
Izod Impact, notched	D256	2.99 ft-lb/in	160 J/m
Tensile Elongation @ Break	D638	>100%	>100%
Tensile Elongation @ Yield	D638	17.00 %	17.00 %
Tensile Strength @ Break	D638	5 kpsi	34.50 MPa
Tensile Strength @ Yield	D638	6.3 kpsi	43.40 MPa
Thermal			
HDT @ 264 psi	D648	300 °F	149 °C
HDT @ 64 psi	D648	557 °F	292 °C
Physical			
Specific Gravity	D792	1.30	1.30
Electrical			
Surface Resistivity	D257	3,576 ohm/sq (ft)	1,090 ohm/sq (m)

SIZING



Phone: 1.610.459.1000
Phone: 1.800.000.0000
Fax: 610.459.1084
490 West Lenni Road
Lenni, PA 19052 U.S.A.
Email: info@westlakeplastics.com

Pomalux® CN-F

Compression Sheet Sizing

48" Length by 24" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	

96" Length by 48" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	

120" Length by 48" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	

120" Length by 60" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	

LAST REVISED: 06/06/2022

This information is offered solely for your consideration, examination and verification, and is to be construed neither as a warranty nor guarantee that the same results as those stated herein will be obtained by the use to which others may put the material. Each user of the material should make his own tests to determine the characteristics and suitability of the material for his own particular use and the use which will be made of the completed product. This publication is not to be taken as a license to operate under, or a recommendation to infringe any patents. The observance of all legal regulations and patents is the responsibility of the user. The buyer's exclusive remedy against the seller shall be for the repair or replacement of defective stock. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or other incidental or consequential loss) shall be available to the buyer.

EXCLUSION OF WARRANTIES: THERE ARE NO WARRANTIES AS TO THE MATERIAL DESCRIBED HEREIN, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. ANY VALUES STATED IN SELLER'S LITERATURE ARE TYPICAL PROPERTIES ONLY.