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Styron® CL

 Placeholder photo for Styron® CL

INDUSTRY



Engineering

COLORS AVAILABLE



ATTRIBUTES



Transparent



Food Contact



SHAPES

Compression Sheet



Extruded Film



Extruded Rod





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TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	470 kpsi	3,241 MPa
Flexural Strength - 5%	D790	13 kpsi	90 MPa
Izod Impact, notched	D256	0.40 ft-lb/in	21.35148 J/m
Tensile Elongation @ Break	D638	3.00 %	3.00 %
Tensile Modulus	D638	460 kpsi	3,171 MPa
Tensile Strength @ Break	D638	7.5 kpsi	52 MPa
Tensile Strength @ Yield	D638	7.5 kpsi	52 MPa
Thermal			
HDT @ 264 psi	D648	192 °F	88.8 °C
HDT @ 64 psi	D648	208 °F	97.7 °C
Physical			
Specific Gravity	D792	1.04	1.04



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SIZING

Rod Sizing

48" Length

0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)	1.75" (44.45mm)
2" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)	3.25" (82.55mm)
3.5" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)			

96" Length

0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)	1.75" (44.45mm)
2" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)	3.25" (82.55mm)
3.5" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)			

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)
1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)			

Film Sizing

26" Width

0.002" (0.05mm)	0.003" (0.08mm)	0.004" (0.1mm)	0.005" (0.13mm)	0.010" (0.25mm)	0.020" (0.51mm)
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LAST REVISED: 06/06/2022

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