



**Epoxy Resin – Glass Fabric and Mat Substrates – Sheet Grades**

<b>Epoxy Resin – Glass Fabric Substrates – 1/3</b>						
<b>Grade</b>	<b>MC511A</b>	<b>MC511AF</b>	<b>MC511FR</b>	<b>MC511SN</b>	<b>MC511WR</b>	<b>NP130</b>
Resin	Epoxy					
NEMA <sup>1</sup>	G-11		FR-5	---	--	FR-4
Color	NA, BK	NA		BK	NA	NA, BK
Sheet Size	Thicknesses Manufactured					
48" x 120"	0.187 – 1.500	0.031 – 3.000	0.250 – 3.000		0.118 - 6.000	0.031 - 3.000
48" x 108"	0.187 – 1.500	0.187 - 4.000	0.250 - 4.000		0.118 - 4.000	
48" x 96"	0.187 - 1.500	0.031 - 4.000	0.250 – 4.000		0.118 - 4.000	0.062 – 4.000
48" x 84"		0.125 – 1.250	0.250 – 1.250			
48" x 72"	0.008 - 1.000	0.008 - 3.500	0.250 - 3.500	0.010 – 1.000	0.118 - 1.000	0.005 - 5.000
48" x 60"		1.126 - 4.000	0.250 - 4.000		0.118 - 4.000	
48" x 54"		0.187 - 6.000	0.250 - 6.000		0.118 - 4.000	
48" x 48"	1.126 - 6.000	1.126 - 6.000	0.250 - 6.000		0.118 - 6.000	1.126 – 4.000
48" x 36"	0.187- 4.000	0.187 - 6.000	0.250 - 6.000		0.118 - 6.000	0.187 - 6.000
Press load quantities required.		X (48"x120")	X (48"x120")		X (48"x120")	X (48"x120")
Minimum purchase quantity required.					Yes (500 lbs)	

<sup>1</sup> For information on Specifications and Standards, see "Sheet – Specification Cross Reference".

Epoxy Resin – Glass Fabric Substrates – 2/3					
Grade	NP130HF	NP500A	NP500CR	NP510A	NP511
Resin	Epoxy				
NEMA <sup>2</sup>	FR-4	G-10		FR-4	G-11
Color	NA			NA, BK, GR, GN, BL, TN, OR & OG	NA
Sheet Size	Thicknesses Manufactured				
36" x 78"				0.187 - 4.000	
36" x 72"				0.187 - 4.000	
48" x 120"		0.031 – 3.500		0.031 – 4.000	
48" x 108"		0.125 – 4.000		0.125 - 4.000	
48" x 96"	0.187 – 4.000	0.031 – 4.000	0.047 – 4.000	0.031 – 4.000	0.031 – 4.000
48" x 84"	0.093 - 1.000			0.008 – 4.000	
48" x 72"	0.093 - 1.000	0.010 - 1.000	0.012 - 1.000	0.008 - 5.000	0.012 - 1.000
48" x 60"		1.000 - 4.000		0.187 – 6.000	1.126 - 4.000
48" x 48"	0.187 - 4.000	1.000 - 4.000	1.000 - 4.000	0.224 - 6.750	1.000 - 4.000
48" x 36"	0.187 - 6.000	0.187 - 4.000	0.012 - 6.000	0.187 - 10.000	0.156 - 4.000
Press load quantities required.		X (48"x120")		X (48"x120")	
Minimum purchase quantity required.				BL, GN, TN OR & OG	

<sup>2</sup> For information on Specifications and Standards, see "Sheet – Specification Cross Reference".

Epoxy Resin – Glass Fabric Substrates – 3/3					
Grade	NP510WR	NP511EM	NP512	NP513FR	NP572
Resin	Epoxy				
NEMA <sup>3</sup>	FR-4	G-11	---	FR-5	G-11
Color	NA, BK	NA		GN	NA
Sheet Size	Thicknesses Manufactured				
48" x 120"			0.187 – 1.000		0.031 – 3.000
48" x 108"					0.187 - 4.000
48" x 96"	0.188 – 3.000	0.125 – 0.250	0.187 - 1.000		0.031 – 4.000
48" x 84"			0.187 – 1.000		0.125 – 1.250
48" x 72"	0.188 – 3.000		0.031 - 1.000		0.008 – 3.500
48" x 60"					1.126 - 4.000
48" x 54"					0.187 - 6.000
48" x 48"	0.188 – 3.000				0.187 - 6.000
48" x 36"				0.500 - 5.000	0.187 - 6.000
Press load quantities required.					X (48"x120")
Minimum purchase quantity required.		Yes			

<sup>3</sup> For information on Specifications and Standards, see "Sheet – Specification Cross Reference".