

MECHANICAL FEATURES					
		C - F	EM - F	EP - F	EEP - F
Type of deoxidation		-	-	-	Calmado
Resistance to traction Rm	min.(Mpa)	-	270	270	270
	max (Mpa)	450	420	380	360
Fluency limit Rp		-	280	270	240
Breakage elongation	e ≤ 0,50	-	26	31	34
	in 50 mm for thickness	0,50 < e ≤ 1,60	-	30	35
er (mm) minimum % A		-	32	37	38
Hardness HRB maximum		65	60	55	50
Folding without jig		180°	-	-	-
CHEMICAL COMPOSITION		C - F	EM - F	EP - F	EEP - F
C.max. (%)		0.13	0.13	0.1	0.09
Mn.max. (%)		0.6	0.6	0.5	0.5
P.max. (%)		0.04	0.04	0.03	0.03
S.max. (%)		0.05	0.05	0.035	0.035
Al.max. (%)		-	-	-	0.02

mm	W (Kg.)		
	1 x 2 m	1,22 x 2,44 m	
2.5	19.62	39.24	58.41
2.19	17.19	34.38	51.17
2	15.7	31.4	46.73
1.73	13.58	27.16	40.42
1.6	12.56	25.12	37.39
1.38	10.83	21.66	32.24
1.25	9.81	16.62	29.2
1.09	8.56	17.12	25.48
0.9	7.06	14.12	21.02
0.86	6.75	13.5	20.09
0.7	5.49	10.98	16.34
0.69	5.42	10.84	16.31
0.56	4.4	8.8	13.1
0.54	4.24	8.48	12.62
0.45	3.53	7.06	10.51
0.35	2.75	5.5	8.19
0.3	2.35	4.7	6.99

General uses:
C-F (SPO) Suitable for general uses which require folding such as: furniture, cabinets, machine parts, electrical appliances.

Medium drawing:
EM-F Allows drawing which are not used to manufacture shapes for body parts, filters, motor frames, etc.

Deep drawing:
EP-F For pieces whose manufacture requires deep drawing: car parts which are not exposed, electrical motor frames, inner pieces of home appliances, etc.

Extra deep drawing:
EEP-F For pieces whose manufacture requires shaping such as car parts which are exposed and not exposed (fenders, bonnets, roofs, panels, etc)

Warning:
The data in this page is for information purposes only and must not be used in any way for any project, and, if that was the case, the person in charge of the project shall be held liable for the result of the use thereof.