

PRODUCT CHEMISTRY AND MECHANICAL PROPERTIES						
GRADE	CHEMISTRY (% MAX)				MECHANICAL PROPERTIES	
	C	MN	S	P	TS (kg/mm <sup>2</sup> )	% Elongation (min) g1 = 80 mm
Ordinary (o)	0.15	0.60	0.055	0.055		
Drawing (D)	0.12	0.50	0.040	0.040	275 - 41.8	28
Deep Drawing (DD)	0.10	0.45	0.035	0.035	275 - 37.7	32
Extra Deep Drawing (EDD)	0.08	0.40	0.030	0.030	275 - 35.7	36

MINIMUM ECV CHART																
THICKNESS mm	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
D	8.2	8.6	8.9	9.2	9.5	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.2	11.3	11.3	11.3
DD	8.8	9.1	9.4	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.7	11.8	11.9
EDD	9.2	9.5	9.8	10.1	10.4	10.6	10.8	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.3

Note : For Higher ECV requirement and for thickness over 2.0 mm, please enquire

COMPARATIVE INTERNATIONAL SPECIFICATION						
DESIGNATION	KS	JIS	ASTM	BS	DIN	
TYPE	D3512	G3141	A568	1149 PART 1	1623	1624
COMMERCIAL QUALITY	SCP1	SPCC	A366			ST 0
DRAWING QUALITY	SCP2	SPCD	A619	CR 4 CR 4	St 12	St 2
DEEP DRAWING QUALITY	SCP3	SPCE	A620	CR 3 CR 43	St 13	St 3
EXTRA DEEP DRAWING QUALITY	SCP 3N	SPCEN	A620	CR1,2 CR1,2	St 14	St 4
STRUCTURAL QUALITY			A611	CR34/20 CR37/23	St37,42,50 52,60,70	
FOLDING						St 1