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**Newly Developed Steel Sheet with New and Advanced Functions
to Meet Customers' Needs**

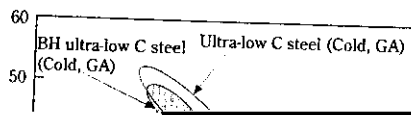


Table 2 Chemical compositions of the developed steel

Chemical compositions of the developed steel (mass%)					
C	Mn	P	S	Al	Mo

Table 4 Mechanical properties of newly developed 780MPa TC

Table 5 Mechanical properties of newly developed 780MPa TC

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
1	SPC780	0.7	780	980	18	18	1000	1000
2	SPC780	0.8	780	980	18	18	1000	1000
3	SPC780	0.9	780	980	18	18	1000	1000
4	SPC780	1.0	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
5	SPC780	1.2	780	980	18	18	1000	1000
6	SPC780	1.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
7	SPC780	2.0	780	980	18	18	1000	1000
8	SPC780	2.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
9	SPC780	3.0	780	980	18	18	1000	1000
10	SPC780	3.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
11	SPC780	4.0	780	980	18	18	1000	1000
12	SPC780	4.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
13	SPC780	5.0	780	980	18	18	1000	1000
14	SPC780	5.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
15	SPC780	6.0	780	980	18	18	1000	1000
16	SPC780	6.5	780	980	18	18	1000	1000

No.	Material	Thickness (mm)	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	n-value	K-value	Forming limit curve (mm)
17	SPC780	7.0	780	980	18	18	1000	1000
18	SPC780	7.5	780	980	18	18	1000	1000

Table 7 Performance of "RIVER ZINC FX"

Test item	Test condition	Result		
		RIVER ZINC FX	RIVER ZINC E*	RIVER ZINC E

Table 8 Comparison of performance of RIVER ZINC FE with those of RIVER ZINC FS and FX

	RIVER ZINC FE	RIVER ZINC FS	RIVER ZINC FX
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