

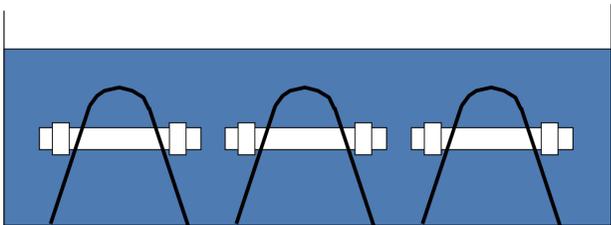
1300, 1500 N/mm²-grade MS Steel for Bumpers

Effect

- Weight Reduction of Bumpers
- Improvement of Crash Worthiness

Points

Delayed Fracture Property



Cracks are confirmed by soaking in hydrochloric acid, using test piece (TP) with cutting edge.

| Grade | Applied Stress (TS x 0.9) |
|-------------------------------|---------------------------|
| 1300 N/mm ² -grade | ○○○ |
| 1500 N/mm ² -grade | ○○○ |

○ : No crack / × : Cracked

Thickness : 1.2mm

Evaluation Condition :

Bending R=10mm

0.1 N Hydrochloric Acid x 200 hrs

Roll Form Formability



It can be bend to 1.5 R
(1300 N/mm²-grade, 1500 N/mm²-grade, Thickness:1.2 mm)