

Rasselstein - Your Quality Partner.

Solutions for each application.



High Formability

High Strength

High Strength and Formability

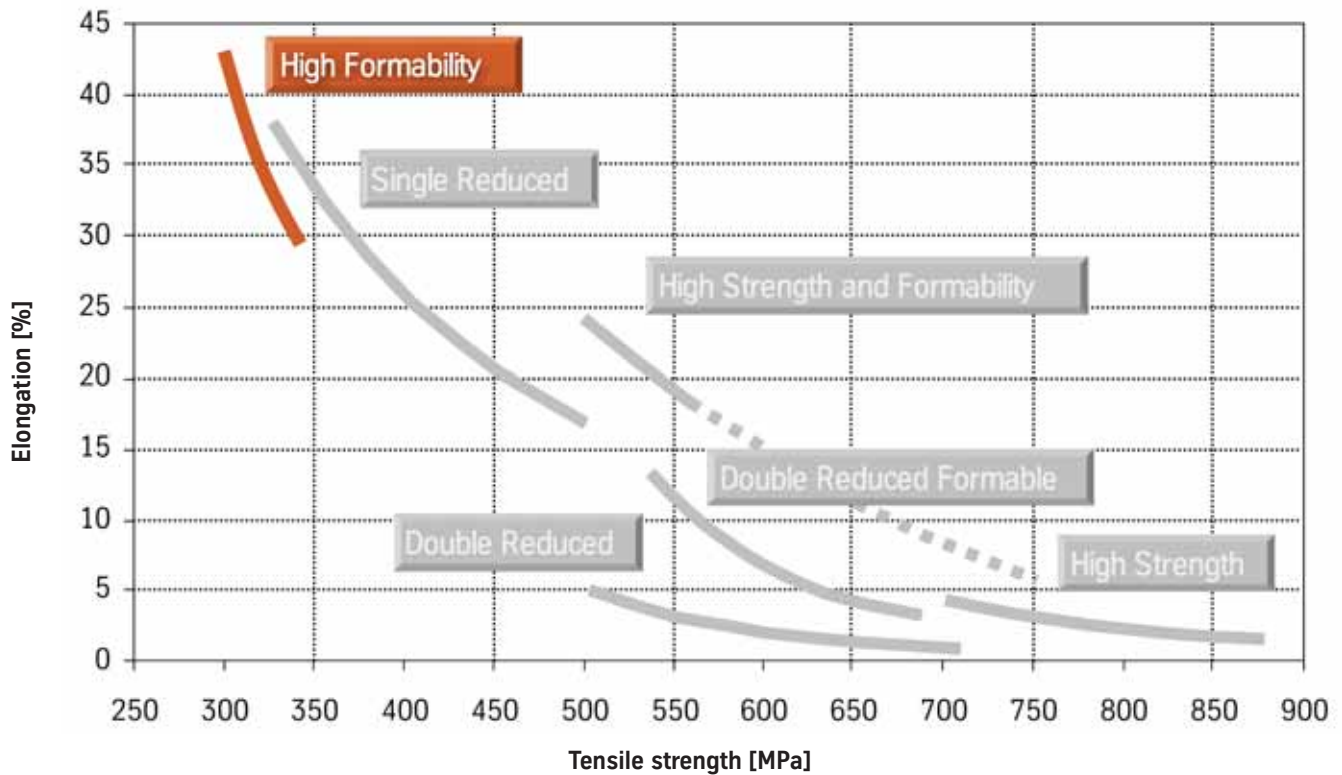
Double Reduced Formable

Rasselstein



ThyssenKrupp

High Formability.



Steel grade.

Endless shapeability! The new steel grade developed jointly by Rasselstein and ThyssenKrupp Steel sets previously unattainable standards. With an elongation of up to 44 percent, this material opens up practically limitless shaping possibilities.

Benefits for customers.

Convincing and competitive steel packaging solutions help users to turn their wishes for new designs and distinctive brand-specific shapes into reality. High Formability Steel can be used for complex two-piece deep drawn products as well as three-piece cans and can ends. This extremely high-performance material is suitable for simplified deep-drawing processes with a small number of draws, which saves costs in manufacturing. Corners and curves remain wrinkle-free, increasing the attractiveness for convenience products.

Development time.

Deep-drawable material is already available and proven for laser welding. Readiness for manufacturing resistance-welded three-piece cans can be expected in about a year's time.

Product characteristics.

- Elongation up to 44 %
- Yield strength 200 - 300 MPa
- Tensile strength 300 - 350 MPa
- r-value > 2.0

Application examples.



Bowl



Flexiline prototype



3-piece shaped cans

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