Castrip Grade 80 has a growing use in the automotive industry for various structural parts, including sill reinforcements, bumper assemblies, and radiator supports. This is the only product available in North America that meets OEM specifications for CR galvanized HSLA 550Y620T or similar grades, and provides a less expensive, lighter weight solution over alternative grades available. Castrip uses a twin roll casting process that casts steel directly into a thin sheet which is passed through a hot mill stand to obtain a final thickness between .9mm and 1.6mm.

**Nucor Steel**
**Castrip Grade 80 HSLA Steel**

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**Category:** Module  
**Application:** 2016 - 17 Jeep Liberty & Jeep Patriot  
**Weight Savings:** 10% lighter than parts made with conventional HSLA grades  
**Methodology:** Material Optimization