

# PPG Laboratory Test Results Certification

## Mandrel Bend Flexibility

PPG Industries, Inc. certifies the following performance properties for the DURANAR® Coil Coating System when applied and baked on properly cleaned and pretreated substrates, according to PPG specifications:

<b>Coatings:</b>	DURANAR XL PLUS
<b>Test:</b>	ASTM D-522 - Standard Test Method for Mandrel Bend Test of Organic Coatings.
<b>Specification:</b>	Place the test panel in a Conical Mandrel Tester, painted side towards the drawbar with the operating lever of the apparatus in a horizontal position. Move the lever through about 180 degrees to bend the specimen approximately 135° around the mandrel.
<b>Result:</b>	No cracking around the 1/8 inch mandrel on steel or aluminum. Note: Fracturing of heavy gauge and HDG substrates may cause coating micro-fracturing. DURANAR® coatings are generally flexible to the point of metal cracking.

