

## Standard Test Specimen Size Requirements

<b>TYPE OF TEST</b>	<b>SHEET<sup>(1)</sup></b>	<b>PLATE<sup>(1)</sup></b>	<b>ANGLE</b>	<b>BAR</b>	<b>PIPE</b>	<b>TUBING</b>
Hardness	2" x 2" Min.	2" x 2" Min.	2" x 2" Min.	2" Long Min.	2" Long Min.	2" Long Min.
Charpy Impact Note(3)	4" W x 6" L Min. Note (4)(5)	4" W x 6" L Min. Note (4)(5)	7" Long Min.	7" Long Min.	7" Long Min.	Not Performed
Tensile (120k capacity)	<b>Saw Cut (5)</b> 1" W x 8" L Min.	<b>Saw Cut (5)</b> 1" W x 8" L Min.	12" Long Min.	8" Long Min.	12" Long Min.	12" Long Min.
Bend	Note (2)	Note (2)	Not Performed	Note (2)	Note (2)	Note (2)
Expansion	Not Performed	Not Performed	Not Performed	Not Performed	4" Long	4" Long
Flattening	Not Performed	Not Performed	Not Performed	Not Performed	4" Long Min.	4" Long Min.

Notes: (1) Please mark rolling/grain direction on all samples; rolling direction is very important for most test sample preparations.

(2) Requirement is based on size and specification; please call for sample size.

(3) Charpy Impact testing cannot be performed on a sample with a thickness less than 0.100".

(4) Please note longitudinal direction on sample.

(5) Add an additional one inch of material (length and width) if material is flame or torch cut.